Reach for Excellence

USA VERSION

APILUS
xCell Pro

● ● ● ●

Software version : 3.5

27.12 MHz | Permanent hair removal technology

APILUS
xCell Pro

APILUS
xCell Pro

APILUS
xCell Pur

dectro
INTERNATIONAL

6080-0000355
231215

Congratulations!

A love story between you and your Apilus xCell is about to begin.

TABLE OF CONTENTS

Chapter 1: Unpack, Plug in, Configure!

Chapter 2: Epilate!

Chapter 3: Customization and Testing!

Chapter 4: Collect and Manage!

Chapter 5: Maintain!

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DEVICE DESCRIPTION

Congratulations, you are now the proud owner of the world's most advanced electrolysis device!

1. Color Touch Screen

2. Support for Stylus and Electrodes

3. Aluminum Casing

4. Printer Paper Exit (xCell Pro version only)

5. Start Button

6. Printer (xCell Pro version only)

7. Power Switch

8. Power Socket

9. External Power Supply

10. Pedal Connection Port

11. Smartcard Reader (xCell Pro version only)

12. Supports for Electrolysis Probeholder

13. USB Port

14. Bar or Plate Electrode Connection

15. Electrolysis F type Probeholder Connection A

16. Electrolysis F type Probeholder Connection B

17. Accessory test Connection

Warning! This device may only be used for hair removal treatments by certified electrologists.

APILUS
xCell Pro

Software version : 2.3

27.12 MHz | Permanent hair removal technology

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MODES

HF TECHNIQUES	xCell Pro	xCell Pur
PicoFlash	●	●
MeloFlash	●	●
MultiPlex	●	●
Synchro	●	○

BLEND TECHNIQUES	xCell Pro	xCell Pur
PicoBlend	●	●
OmniBlend	●	●
MultiBlend	●	●
EvoluBlend	●	○
SynchroBlend	●	○

GALVANIC TREATMENT & POST-TREATMENT MODES	xCell Pro	xCell Pur
Electrolysis	●	●
Cata +	●	●
Ana -	●	●

PROGRAMS

CUSTOMIZATION	xCell Pro	xCell Pur
22 regions (11/male - 11/female)	●	●
10 sizes of hair	●	●
3 types of probes (Stainless, ITH, IBL)	●	●
5 sizes of probes	●	●
Customizable programs (90/user)	900	60 90 Synchro option

CLIENT RECORDS MANAGEMENT	xCell Pro	xCell Pur
1000 client files	●	
Appointment schedules with reminder lists	●	
Medical records	●	
Advanced statistic report	advanced	basic
Rechargeable smartcard system	●	
Invoicing and cumulative revenue management	●	
Internal printer	●	
Personalized password at boot		●
10 user interfaces with password access	●	
External USB port	●	●

LEGEND:

● Included
○ Optional

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OTHER FEATURES

	xCell Pro	xCell Pur

TOOLS

	xCell Pro	xCell Pur
Blend Test	●	●
Accessory test	●	●
U.L. and ƐL display	●	●
Pedal - free operating mode	●	●
2 output connection ports for electrolysis probeholders	●	●

ELECTRONIC CIRCUIT

	xCell Pro	xCell Pur
27.12 MHz radio frequency generator	●	●
Millisecond response time	●	●
Progressive galvanic current	●	●
Automatic compensation response	●	●
MP/XCL 25 microprocessor	●	●
Watch Dog XCL security system	●	●
Meets all medical standards	●	●
100 - 250 Volts 50/60Hz universal power adapter.	●	●

DESIGN

	xCell Pro	xCell Pur
Color touch screen	●	●
Aluminum Cabinet (strong and secure)	●	●
Ergonomic "Flip - Top" cover	●	●
User friendly navigation	●	●
Accessory holders	●	●

What's in the box?

Before installing and turning on your Apilus xCell, we suggest that you make sure that there is no visible damage that may have been caused during shipping. If the box is damaged, contact the carrier for any claim.

ACCESSORIES SET

	xCell Pro	xCell Pur
2 Electrolysis F type probeholders (short 04-2601 and regular 04-2611)	●	●
1 Red cable (04-004)	●	●
1 Black cable (04-014)	●	●
1 Bar Electrode (04-015) with spontex (04-013)	●	●
1 Plate Electrode (04-01133) with spontex (04-0122)	●	●
1 Dectro Dome Footswitch	●	●
2 Rubber holders attached to the device - left (6070-3001120) - right (6070-3001125)	●	●
1 Roll of printer paper (04-02525)	●	
1 USB key	●	●
1 User Manual (6080-0000352)	●	●
1 Stylus (04-0291)	●	●
2 Packs of 5 rechargeable smartcards (01-10990)	●	
1 Cata/ana electrodes kit (04-01809) - multi-electrode handpiece (04-01805) - roller electrode (04-01811) - dual pronged electrode (04-01812) - disc electrode (04-01813) - stud electrode (04-01814)	●	●
1 External power supply 100-240 VAC 50-60 Hz 1.4-0.7A	●	●

LEGEND:

● Included
○ Optional

SETTING UP YOUR APILUS XCELL

Install your Apilus xCell on a solid table of about 86 cm (34 inches) high for easy access to the screen. Refer to page 6 to identify the Apilus xCell's components.

⚠️ **WARNING:** Before installing or unplugging and plugging in the device's power supply, make sure that the power switch on the back of the unit is in the "Off" position.
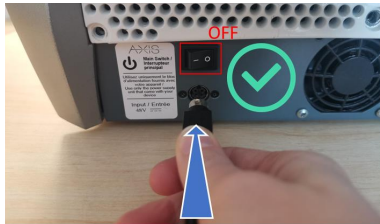

Figure 1: Plug in the power supply when the switch is in the "Off" position.

Figure 2: Be careful not to plug in the power supply when the switch is in the "On" position.

1. Plug the power cord into the power socket at the rear of the unit (8);

⚠️ **WARNING:** When connecting, **hold the cable** (as shown in the picture) and push into the socket of the housing, respecting the alignment of the guiding devices. If you attempt to connect by holding the connector, you will not be able to push it in, which may damage the unit.
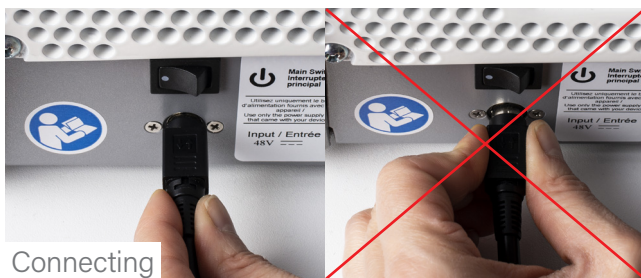
Connecting

When disconnecting, **hold the connector** and pull.

Disconnecting

2. Connect the power plug to the wall outlet (see section: precautions).

Pedal

The pedal must be connected to the appropriate connection port at the rear of the unit. Gently insert and tighten the pedal connection into the Apilus xCell's connection port, making sure that the connection is properly aligned. The locking mechanism must be secured to prevent any accidental disconnection.

Electrolysis probeholders

The electrolysis probeholders are inserted into the connection ports located at the front of the unit. The electrolysis probeholder cord must be securely screwed into the connection port. There are rubber supports attached to each side of the epilator in order to hold the electrolysis probeholders in place when not in use.

Cables

1. Connect one end of the red cable into the red connection port located at the front of the unit. Connect the bar or plate electrode to the other end of this cable.

2. Connect one end of the black cable into the black connection port located at the front of the unit. Connect the multifunction electrode holder to the other end of this cable.

A support is fixed on each side of the unit to hold the electrodes in place when not in use.

HOME SCREEN

Turn off   Help

PicoFlash	PicoBlend	Electrolysis
MultiPlex	OmniBlend	Cata +
MeloFlash	MultiBlend	Ana -
Synchro	EvoluBlend	
	SynchroBlend	

Treatment

Modes

Tests

Settings

Client Files
(xCell Pro version only)

Printer
(xCell Pro version only)

Smartcards
(xCell Pro version only)

NOTE: Synchro, Evolublend and Synchroblend are optional modalities on the xCell Pur device. Chromo-DEL and Lift-Mass are optional on both the Pro and Pur version.

PAPER INSTALLATION

To install the thermal paper roll in the Apilus xCell Pro, lift the printer door (6) located at the top of the back of the unit, and pull it towards you. Press the red button next to the printer mechanism to disengage it. Install the paper roll by inserting the metal rod into the roll and pull out the paper through the slot in the front of the unit. Reinstall the printer mechanism respecting the slots on each side and press firmly until you hear clicking sound.
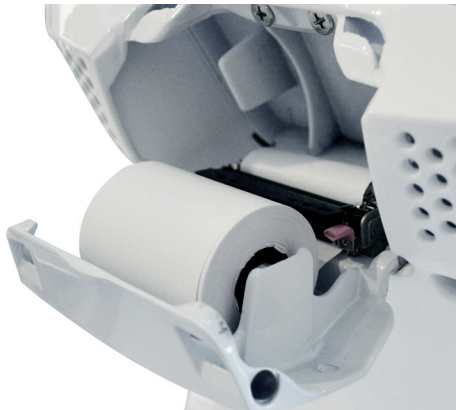
TURNING ON YOUR APILUS XCELL

Turn on the unit
To turn on the unit, activate the switch at the back of the unit and then press and hold the *start* (⏻) button located at the far right side of the foldaway cover of your device. Give the device time to load the operating system.

When first turned on, your device will ask you to configure some information: the display language, date and time, clinic's information, your clinic code to validate smartcards (xCell Pro version only – the clinic code can be chosen by you), and registering the admin user profile (xCell Pro version only).

The next time you start your device, the home page will automatically appear on the display screen on left. However, if you have the xCell Pro version, you will first need to select your user name and enter your password.

ℹ The "i" icon will open a help page that can explain the functions and features that are available.

This device has a touch screen. Thus, to activate the menus or write data, press the desired field or button with the stylus or your finger. The selection is confirmed either by the illumination of the button or the appearance of an alphanumeric keyboard for entering the desired information.

Turn off the unit
To turn off your device, press the start (⏻) icon at the top left of the home screen or press the start (⏻) button located on the rear right side of the foldaway cover for a few seconds. A confirmation message will then appear, asking if you would like to turn the unit off. After entering your confirmation, the device will shut down. Once the device is turned off it is possible to use the switch located at the back of the unit to turn off the power.

⚠ **WARNING:** You must never turn the unit off by using the power switch located at the back of the unit. You may only use the power switch to turn off the power to the device once the device has completely shut down using the steps indicated above.

A standby mode is automatically activated if the unit is not in use for a while. To exit the standby mode, tap the touch screen to activate the MP/XCL-25 microprocessor and resume regular operations.

CONFIGURATION

The configuration menu allows you to configure or modify the basic information of your Apilus xCell device, such as time and date, display language, volume, etc. To do so, press the *Configuration* (⚙) button in the menu to the right as shown.

Then press the option you wish to modify (in the middle of the screen) and enter your setting preferences in the appropriate areas and fields. As needed, an alphabetic or numeric keyboard will appear on the screen. Once the entry is completed for each section, press the *OK* button at the bottom right of the screen. The unit will store any preferences you have set.

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CONFIGURATION

Time/Date   Language/Volume   Screen

Software version: x.x

→ Configuration

Clinic/Users   Rates   Invoice

USB

CLINIC / USERS

Apilus xCell

Phone
418-555-1234

E-mail
apilus@dectro.com

Note

Clinic code
00000

X File open?

Insertions count
69

Visit count
1

Average time
00:07

Total time
00:07

X

→ Manage user interfaces, passwords, and admin access

→ Statistics on the treatments (cumulative)

→ *Reset* button for statistics

→ Print clinic information

→ Print income reports X, Z and save on USB key

ok

Requiring file opening
Clinic code for smartcards

RATES

Currency	Decimals	Min. amount
$	123.45	10.00 $

Rates

$0.00	$0.00	$0.00	$0.00
/15m	/30m	/45m	/60m
$0.00 /m	$0.00 /m	$0.00 /m	$0.00 /m

Smart Card

$0.00	$0.00	$0.00	$0.00
/150m	/300m	/450m	/600m
$0.00 /m	$0.00 /m	$0.00 /m	$0.00 /m

Tax 1	Tax 2
0.00 %	0.00 %

ok

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Time\Current date

Allows you to configure the current date and time according to your country.

Language\Volume

Allows you to configure the display and print out language (xCell Pro version only), adjust the volume level and select the sound options available. See example screen.

Screen

Allows to calibrate the touch screen, to add a personalized password at boot of the xCell Pur device, as well as to set the timer auto stop delay and screen's standby mode.

NOTE: The ∞ sign means "infinity". If this symbol is activated, the screen saver will never get activated and the timer will continue counting seconds even if there is a period of inactivity.

Clinic and users

(xCell Pro version only - only accessible to the admin users) Allows you to enter your clinic details, the clinic code for the validation of smartcards, to require the user to open the client file when performing a treatment, manage the device's users (employees) and their passwords, choose their status (admin or not) and the modes they can have access to, to view various statistics, to print out any clinic details and print X or Z income reports. See example screen on left.

Rates

(xCell Pro version only - accessible to administrators only) Used to select the currency used, the number of decimal(s) required depending on the currency, register your various monetary rates, your tax rates and determine the number of minutes and rates associated with the smartcards (four possible scenarios). The minimum amount should represent the amount you wish to charge in case a treatment takes less than 15 minutes.

NOTE: Apilus xCell will recalculate the entered rates in order to reflect the actual cost per minute that will be charged to the customer on the invoice.
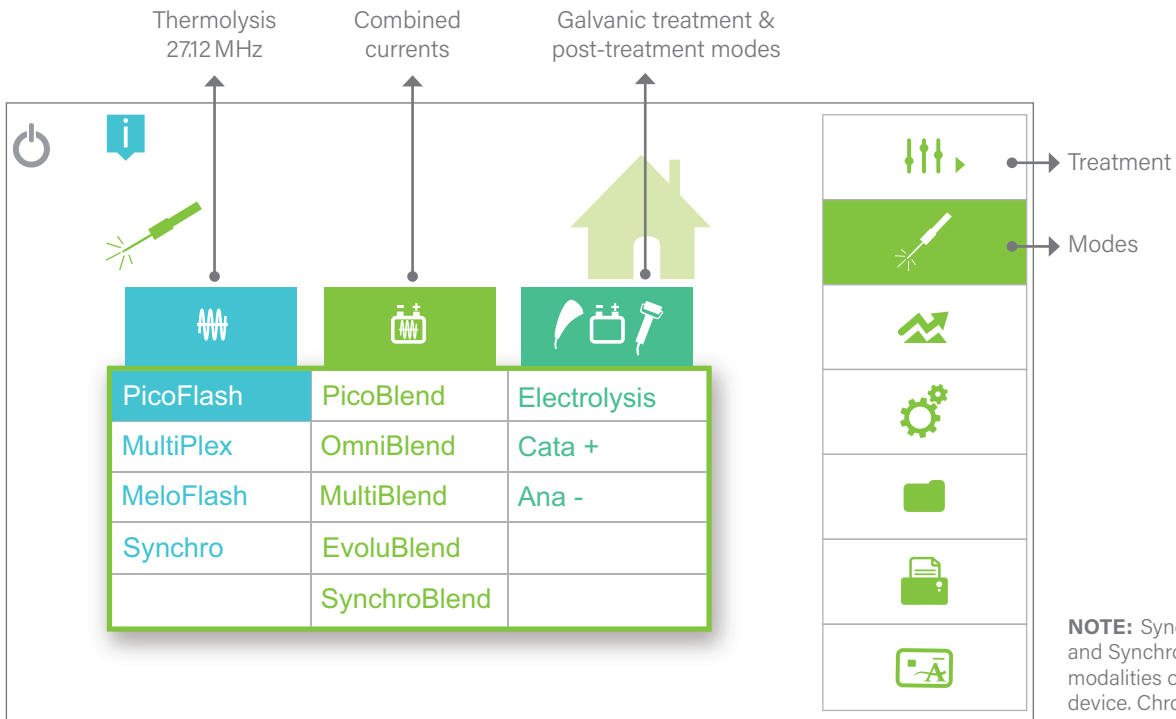
Invoice

(xCell Pro version only - accessible to administrators only) Allows you to select the items that you want to have appear on your receipts, add a note at the end of your receipts and to choose whether the machine will or won't print a copy of the invoice for the clinic and the client.

Synchro Option

- Synchro, EvoluBlend, SynchroBlend Option – For Apilus xCell Pur (includes the modalities and a series of programs) (01-0507);
- Chromo-DEL and Lift-Mass Option.

To add the Synchro Option to your Apilus xCell unit, first press the *Option* (✿) button, located at the bottom left in the Configuration menu. Note the number that appears at the bottom of this screen. Contact Dectro or your distributor, specify the number of the Option screen as well as the serial number of your unit (located under the unit). An activation code will then be sent to you. Once the code received, press the *Option* (✿) button located on the left below to the confguration menu of your Apilus xCell device. Enter the activation code received in the *Option* screen in the space provided for this purpose. If the code is valid, a green checkmark will appear. You are ready to use your new Synchro option.

MODE

Thermolysis
27.12 MHz

Combined
currents

Galvanic treatment &
post-treatment modes

Treatment

Modes

PicoFlash	PicoBlend	Electrolysis
MultiPlex	OmniBlend	Cata +
MeloFlash	MultiBlend	Ana -
Synchro	EvoluBlend	
	SynchroBlend	

NOTE: Synchro, Evolublend and Synchroblend are optional modalities on the xCell Pur device. Chromo-DEL and Lift-Mass are optional on both the Pro and Pur version.

CHOOSING A TREATMENT MODE

To choose the treatment mode, simply press on the Modes (⊱▬) button on the right side of the home screen as shown on the left page. All available modes will then appear in the center of the screen (the choice will depend on the device model). The modes for thermolysis are displayed on the left and blend modes on the right

Once the desired mode has been selected and you wish to begin the work, press the *Treatment* (⫯⫯⫯) button located at the top right. This button allows you to activate the settings adjustment screen to then begin the treatment (see next step).

TREATMENT MODE DESCRIPTIONS

Thermolysis 27.12 MHz

Thermolysis, also known as high frequency, is a very rapid method of permanent hair removal. The technique consists in applying a 27.12 MHz high-frequency current that destroys the hair follicule and prevents hair regrowth.

Because of their speed and comfort, the thermolysis 27.12 MHz modes are preferred for all hair types and regions, except in the case of hairs that are very deformed. (See combined currents "blend")

PicoFlash

Because of its exceptional speed (in milliseconds), the technique of PicoFlash thermolysis allows for a very localized coagulation at the base of the hair follicle, while avoiding heat diffusion into the surrounding tissues. It allows for the targeted destruction of cells responsible for the regrowth of all hair types and delivers a level of comfort that will impress your customers. Ideal for all hair types. This method is preferred for superficial hairs and the sensitive areas of the face. Can also be used with the double-impulse with displacement technique (the use of an insulated electrolysis electrolysis probe is required).

MultiPlex

A mode that combines a slow thermolysis impulse, followed by a rapid impulse-PicoFlash. The slow thermolysis impulse creates a slight heating which helps prepare the follicle to receive the rapid Pico-Flash pulse. This combination provides a concentrated destruction of the follicle. Ideal for difficult hair and/or slightly deformed. Can also be used with the double-impulse with displacement technique (the use of an insulated electrolysis probe is required).

Synchro (patented)

The Synchro mode offers unparalleled efficiency in the case of stubborn and deep hairs. Its simultaneous application of several 27.12 MHz pico-impulses from 2 to 5 milliseconds each, with a period of thermal relaxation, extensively destroys all germ cells located between the bulb and the bulge of the hair follicle. This technique must be accompanied by a movement of the bulb to the bulge and is done using an insulated electrolysis probe.

MeloFlash (new)

Thermolysis mode that is executed within hundredths of a second. The duration of the impulse is longer with a lower intensity. This technique produces more extensive heat into the follicle, which favors its use when dealing with strong and deep hair.

BLEND MODE

Starting HF/Glv. currents

MultiBlend   〰〴 🔋 | EL | | UL |
190   32

↻ 0

| Glv | Slow Thermolysis | FastThermolysis |

| 🔋 | 〰〴 | ⚡ |
| 7 s | 0.45 mA | 5 % | 0.024 s | 52 % |

Home Page

15:18
November 12th
User name

Date and Time

⏱ | 00:00:00   Chronometer and Timer

Region   Programs by region

A | 3   Probe and probeholder

👁 Enabled   With/Without Pedal

📁 Files   Client file
(xCell Pro version only)

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The combined currents

The blend modes use galvanic current to create a chemical reaction which modifies the molecules of water and salt to produce lye. High frequency current combined with galvanic current gradually warms the lye to make it more reactive. The combined currents (blend) are typically used when dealing with deformed and/or very tough anagen hairs.

PicoBlend
The PicoBlend superimposes 27.12 MHz thermolysis impulses at a low intensity with a galvanic current. This technique is similar to blend impulses.

OmniBlend
The OmniBlend is a proprietary technique to the Apilus xCell. Simultaneously, it applies one 27.12 MHz thermolysis current of low intensity with a galvanic current. Heating is then applied uniformly throughout the treatment. It is a comfortable blend technique and is easy to use.

MultiBlend
The MultiBlend, is a combination of OmniBlend and PicoFlash. This technique simultaneously applies a galvanic current, a continuous 27.12 MHz thermolysis current and one or many high intensity PicoFlash impulses at the end of the process. As with OmniBlend, tissue heating is applied uniformly throughout the treatment. This highly efficient technique is ideal for deep stubborn hairs.

EvoluBlend
The EvoluBlend method is characterized by the application of a progressively ramping galvanic current, starting at an intensity of 0 mA up to the comfort threshold of your client. A low intensity 27.12 MHz thermolysis current is simultaneously applied, ensuring an effective treatment even for the toughest hairs. It is also possible to add one or many 27.12MHz thermolysis pulses at the end of the Blend sequence. Perform a tolerance test prior to treatment, see chapter 3. Recommended for clients with sensitive skin.

SynchroBlend (new)
The SynchroBlend mode offers unparalleled efficiency in removing deep and stubborn hair. It uses a galvanic current superimposed by several pico-pulses 2 to 5 milliseconds each, which are interspersed with a period of thermal relaxation. This technique may be accompanied by a bulb-bulge-bulb displacement and should be used with insulated IsoBlend electrolysis probes.

NOTES: For the best results when using combined currents and to ensure that the treatment will be comfortable for the client, it is necessary that the treated hairs are in the anagen phase. In order to succeed in creating lye, it is important to have maximum hydration. When in catagen or telogen phase, the rate of moisture within the follicle is minimal or zero. Therefore it is not recommended to use blend in such cases. It is also suggested to avoid applying the blend for very superficial hairs and for the eyebrow region. This type of current is therefore preferred to use in cases of removing tough, deformed, deep anagen hairs. Always check to see if your client has any contraindications to galvanic current before using blend.

When applying combined currents, it is important that the inactive electrode (bar or plate electrode) remains in constant contact with the client's skin since galvanic current must flow. This electrode should be placed as close as possible to the area being treated. In order to maintain excellent contact, the inactive electrode must be covered by a sponge-like cover (supplied with the unit) or a wet compress.

Electrolysis

EL	UL
--	38

↺ 0

Glv

🔋±

| 8 s | 0.48 mA |

🔒

Home Page

15:18
November 12th
User name
→ Date/Time/User Name

⏱ 00:00:00 → Chronometer and Timer

Region → Programs by region

A | 3 → Electrolysis probe and electrolysis probeholder

👁 Enabled → With/Without Pedal

📁 Files → Client file (xCell Pro version only)

Cata +

EL	UL
--	--

↺ 0

🔋±

1.06 mA

🔒

Home Page

15:18
November 12th
User name
→ Date/Time/User Name

⏱ 00:00:00 → Chronometer and Timer

Region → Programs by region

A | 3 → Electrolysis probe and electrolysis probeholder

👁 Enabled → With/Without Pedal

📁 Files → Client file (xCell Pro version only)

Current range to use depending on the treatment

TREATMENT	REGION	INTENSITY (MA)	LENGHT OF TREATMENT
Anaphoresis	Face-Neck	0.25 – 0.40	1–3 min
	Body-Legs	0.30 – 0.50	
Cataphoresis	Face-Neck	0.25 – 0.75	3–5 min
	Body-Legs	1.00 – 1.50	

Galvanic Treatment &
Post-Treatment Modes

Electrolysis (Galvanic)

The Apilus xCell can be used to carry out treatments using galvanic current. The following paragraphs explain the settings that can be selected for electrolysis.

Electrolysis consists in applying continuous (galvanic) current to a hair follicle. The current reacts with the salt water contained in the follicle and produces caustic soda (lye). The caustic soda destroys the hair root and thus prevents regrowth. Electrolysis yields excellent results, but it requires more time to apply than other methods. When the galvanic method is used, it is important that the inactive electrode (bar electrode or plate electrode) always be in contact with the client's skin. This electrode should be placed as close as possible to the area to be treated. We recommend that you cover the bar electrode with a spongelike covering ("spontex") or a compress, both soaked in water order to obtain optimal contact.

Anaphoresis and Cataphoresis

The Anaphoresis (negative current) and Cataphoresis (positive current) modalities are pre and post Electrolysis treatments that use the same galvanic current to prepare and restore the treatment areas.

Cata +

The Cata + mode allows you to perform cataphoresis treatments. Cataphoresis is a treatment that is performed after electroepilation to help restore the treated area.

Ana -

The Ana - mode allows you to perform Anaphoresis treatments. Anaphoresis may be performed before electroepilation to prepare the area to be treated for electroepilation.

NOTE: Before proceeding with any of these treatments, first verify that the electrode handle is connected to the black terminal of the Apilus xCell and that the bar electrode (or plate electrode) is connected to the red terminal. The unit will automatically activate the appropriate polarity of the electrodes according to the selected treatment.

The inactive electrode (bar electrode or plate electrode) must be placed in contact with the client's hand or on the skin of the area where you wish to perform the treatment. The inactive electrode must have previously been covered by a sponge-like cover and a wet compress. The sponge-like cover and compress should be kept moist throughout the duration of the treatment to ensure proper conductivity.

The current intensity must then be adjusted according to the client's tolerance level. The table below suggests a current range to use depending on the treatment being performed and the area to be treated.

If necessary, a wet cotton compress can be placed on the area to be treated so as to not apply the active electrode directly onto the skin. The treatment is performed by gently moving the electrode over the area for a few minutes. Once the treatment is complete, the current intensity must be reduced to zero. The electrodes can then be removed from the client.

After the electroepilation treatment, if you perform a negative polarity treatment (anaphoresis), we recommend that you complete the treatment with a few minutes of the positive polarity (cataphoresis).

At the end of the treatment, the compress should be discarded. The electrodes and the sponge-like cover should be cleaned with a disinfecting solution prior to being used with a new client.

THERMOLYSIS MODE

Extra Power Rf

Mode

Impulse delay

Energy Level
Units of Lye

XTra EL

PicoFlash

0.50s

EL
126

UL
--

↻ 0

🏠 → Home Page

15:18
November 12th
User name → Date and Time

Intensity

⏱ 00:00:00 → Chronometer and Timer

Time ← 0.029 s | 66 % | 2 X → Number of impulses

Region → Programs by region/ XTra EL level

A | 3 → Probe and probeholder

Enabled → With/Without Pedal

Locking and Unlocking of the Settings

Files → Client file (xCell Pro version only)

Adjustment Arrows

BLEND MODE

Starting HF/Glv. currents

Energy Level
Units of Lye

MultiBlend

EL
190

UL
32

↻ 0

🏠 → Home Page

15:18
November 12th
User name → Date/Time/User Name

Glv | Slow Thermolysis | FastThermolysis

7 s | 0.45 mA | 5 % | 0.024 s | 52 %

⏱ 00:00:00 → Chronometer and Timer

Region → Programs by region

A | 3 → Probe and probeholder

Enabled → With/Without Pedal

Files → Client file (xCell Pro version only)

WOMEN PROGRAM

ℹ️

X

↻ → Cancel the selected program

👤 → User programs

Male → Programs for Men

XTra EL
○ ○ ○ → XTra EL level

Upper lip → Selected region

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ok |

→ Numbers that relate to the size of the hair, press the *OK* button to confirm the selection and return to the work screen

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ADJUSTING THE SETTINGS

To modify your settings, you must first select the desired mode you wish to use and press the *Treatment* (⧉) button (located at the top right corner of the home page). The unit will display the treatment screen as shown on the left page.

The mode name
To edit, return to the home page by pressing the little house at the top right corner.

Delay between impulses
In thermolysis modes only, it allows you to enter the desired time between two or more rapid impulses.

Starting current
In blend mode only, you can choose which current you want to enable first, high-frequency or galvanic. When working in blend most prefer to start with the galvanic current (default selection-represented by a battery).

Thermolysis energy level
The energy deployed into the follicle according to the settings used in thermolysis. (εL=HF time x number of impulsions) See the chart below.

ENERGY LEVEL (εL)*

Hair Type	Non-insulated εL	Insulated εL IBL	Insulated εL ITH
Fine Hair	110	90	75
Medium Hair	260	220	185
Coarse Hair	430	365	315
Very coarse hair	725	700	675
εL = HF Time $\times$ Intensity^2 $\times$ Number of Impulse			

*Based on the woman program.

Units of Lye in Blend/Galvanic
The energy deployed into the follicle according to the settings used in blend or galvanic. See the chart below.

TABLE OF UNITS OF LYE

Hair Type	Quantity
Fine Hair	20 U.L.
Medium Hair	40 U.L.
Coarse Hair	60 U.L.
Very Coarse Hair	80 U.L.
U.L. = Glv. Time $\times$ (intensity $\times$10)	

Home Page
Takes you back to the main menu.

Current date and time
To change, go to the configuration menu.

Chronometer
Allows you to enter the desired duration of the treatment and to activate the alarm.

Timer
Timer is activated when you press the pedal to start the treatment or if you press the *TIMER* button. To stop treatment, press the button again

MEN PROGRAM
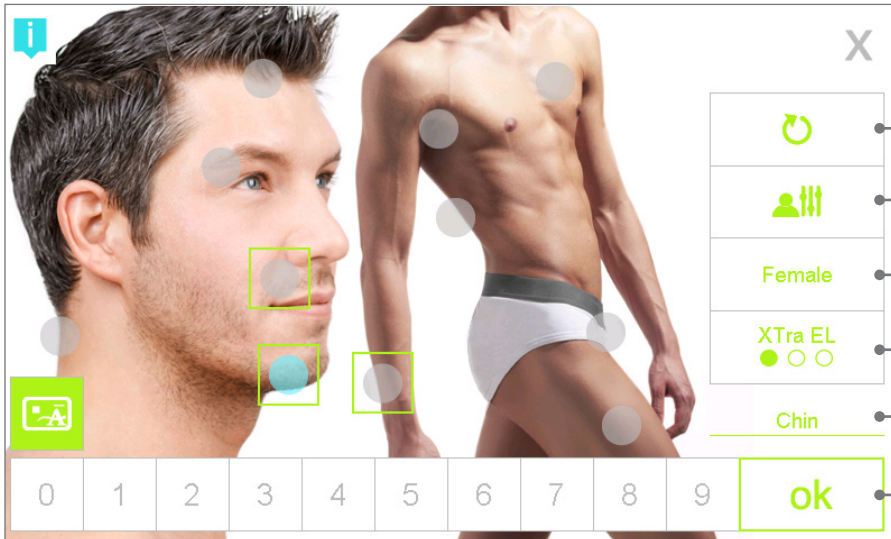
- Cancel the selected program
- User programs (xCell Pro version only)
- Programs for women
- **Female**
- XTra EL level
- **XTra EL** ● ○ ○
- Selected region
- **Chin**
- Numbers that relate to the size of the hair, press the *OK* button to confirm the selection and return to the work screen

0 1 2 3 4 5 6 7 8 9 **ok**

CLIENT FILES

Last session:
2015-04-15 15:52 PM

Next appointment:
2015-06-16 16:30 PM

Upper lip

1 of 1

Bouchard. George

Tremblay, Josée (418-555-1234)
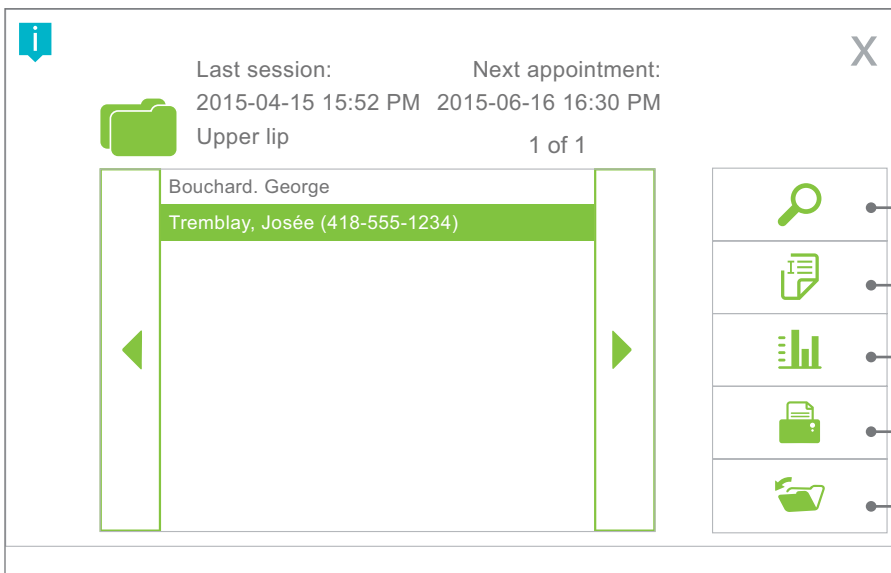
- File Search
- Modify a client file and a medical record
- Statistics
- Print a client file
- Open a client file

Programs by region

Allows you to select the region of the body or the face to be treated (by pressing on the circle) and to select the size of the hair from 0 (very fine hair) to 9 (very coarse hair). To switch the program for treating a man, press the *Male* button.

With the PRO version, when a customer file or a card is used and the settings offered by the predefined programs are modified, an asterisk * appears in front of the name of the selected region. These personalized settings will be saved in the customer's file or card and can be used later. When personalized settings linked to a client file or card are available, the regions offered by the programs will then have a green outline. To select one of these settings, press the button for the desired region, then the icon of the card or customer file and finally OK.

Personnalized Users Programs

The Apilus xCell device also allows each of the 10 users to create 10 work programs in each modes, which means you are able to save the treatment settings used for a new region. To save a program, make sure that the settings on the work screen are indeed the ones you want to save.

Press the *Region* (⫽s) button on the work screen, which will give you access to programs by region. Then press the *Users Programs* (⚲⫴) button.

Select a number from 0 to 9 and press the *save* (⬅⫴) button that has an arrow going to the left. Enter the name you want to give to the program using the alpha- numeric keypad and then press OK.

To load a program that you have created, press the *Region* (⫽s) button on the work screen, which brings you to the programs by region menu. Then press the *Users Programs* (⚲⫴) button. Select the desired program using the digits 0 to 9 and press the *load* (➡⫴) button that has an arrow going to the right. The device will then display the working screen with the previously saved user program settings. To cancel the selection, return to the programs by region screen, and press the *Cancel* (↻) button and then on *OK*.

Xtra E.L. Levels

The Xtra E.L. function can be used to quickly increase the treatment parameters in case of resistance when removing the hair. This function is ideal for difficult, strong and/or dehydrated hair. There are 3 levels. Moving from one level to the other, the current flow time and intensity will be automatically increased. See charts showing the amount of energy deployed by type of hair for reference below.

XTra EL LEVEL 1 ● ○ ○

Hair Type	Non-insulated ƐL	Insulated ƐL IBL	Insulated ƐL ITH
Fine hair	145	115	85
Medium hair	345	315	260
Coarse hair	605	575	545
Very coarse hair	835	805	775

XTra EL LEVEL 2 ● ● ○

Hair Type	Non-insulated ƐL	Insulated ƐL IBL	Insulated ƐL ITH
Fine hair	165	130	100
Medium hair	390	360	295
Coarse hair	685	650	620
Very coarse hair	945	910	880

XTra EL LEVEL 3 ● ● ●

Hair Type	Non-insulated ƐL	Insulated ƐL IBL	Insulated ƐL ITH
Fine hair	190	150	115
Medium hair	455	420	340
Coarse hair	800	760	720
Very coarse hair	1100	1065	1025

THERMOLYSIS MODE

Extra Power Rf | Mode

Impulse Delay
Energy Level
Units of Lye

XTra EL
PicoFlash

⌐◎⌐	EL	UL
0.50s	126	--

↻ 0

🏠 → Home Page

15:18
November 12th
User name → Date and Time

Intensity

Time → | ⚡ | | ⊓⊓⊓ | ← Number of impulses

| 0.029 s | 66 % | 2 X |

Adjustment Arrows

Locking and Unlocking of the Settings
🔓

⏱	00:00:00	→ Chronometer and Timer
7/5 Region		→ Programs by region/ XTra EL level
🖊 A | 3		→ Probe and probeholder
👁 Enabled		→ With/Without Pedal
📁 Files		→ Client file (xCell Pro version only)

BLEND MODE

Starting HF/Glv. currents

MultiBlend

⋙⊟	EL	UL
	190	32

↻ 0

🏠 → Home Page

15:18
November 12th
User name → Date and Time

Glv | Slow Thermolysis | FastThermolysis

⊟		⋙	⚡	
7 s	0.45 mA	5 %	0.024 s	52 %

🔓

⏱	00:00:00	→ Chronometer and Timer
7/5 Region		→ Programs by region
🖊 A | 3		→ Probe and probeholder
👁 Enabled		→ With/Without Pedal
📁 Files		→ Client file (xCell Pro version only)

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Output for the electrolysis probeholder/ Electrolysis probe type

Allows two actions:

1) To determine the desired output of the electrolysis probeholder, A (left) or B (right), a light will indicate which electrolysis probeholder is active.

2) Specify the type and size of electrolysis probe used, whether stainless steel (Stainless, IsoGard (ITH) or IsoBlend (IBL) sized from 1 to 5).

It is important to understand this information, as it affects the treatment programs which adjust settings depending on the type of electrolysis probe used.

With/Without pedal

Selects the operating mode of the device, either with or without the pedal and determines the appropriate insertion delay before the current is activated.

Client Files

Available only on the xCell Pro version. It allows you to open and close a client's file before and a after every treatment in order to save the treatment data in the client's file, to bill or debit time off the Apilus xCell smartcard.

To open a file, first press the *Client files* (▬) button (the screen "client files" on the left page will then appear). Next, press the client's name that you desire and then the *Open a client file* (🖿) button on the bottom right. To scroll through the list of clients, press the arrows keys.

When opening an existing customer file, your device will ask you to choose a billing rate, or if a smartcard is inserted, to debit time off the card. If the customer is new and does not yet have a client file, you must first create one by returning to the main menu (see chapter 4, section client file). At the end of the treatment, you must close the client file (last button on the bottom right on the treatment menu screen). The machine will print an invoice detailing the treatment or print a statement with treatment details when using a smartcard.

Settings

(Time, intensity, number of impulses, etc.) To modify the settings, drag the circle along the arrow shaft from top to bottom. You can also press directly on the arrow and move up or down to increase or decrease the value of a unit one at a time. It is also possible to change the value for each setting by touching the number for the time or intensity, which will open a numerical keypad in order to enter the desired value. The settings that you are able to modify vary from one mode to another. Once you are satisfied with the settings, press the padlock in the bottom left corner of the display or the pedal to lock-in your selection. If you want to change the settings again, you must first press the padlock to unlock the operation.
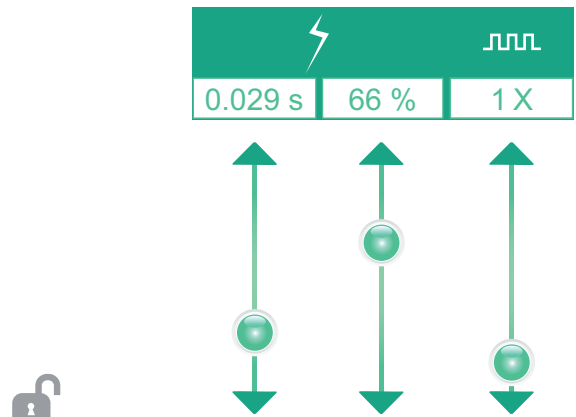
MULTIBLEND MODE

Starting HF/Glv. currents

Energy Level

Units of Lye

MultiBlend

EL **190** UL **32**

↻ 0

Home Page

15:18
November 12th
User name

Date and Time

Glv	Slow Thermolysis	FastThermolysis

7 s	0.45 mA	5 %	0.024 s	52 %

00:00:00 — Chronometer and Timer

Region — Programs by region

A | 3 — Probe and probeholder

Enabled — With/Without Pedal

Files — Client file
(xCell Pro version only)

ELECTROLYSIS MODE

Electrolysis

EL **--** UL **38**

↻ 0

Home Page

15:18
November 12th
User name

Date and Time

Glv

8 s	0.48 mA

00:00:00 — Chronometer and Timer

Region — Programs by region

A | 3 — Probe and probeholder

Enabled — With/Without Pedal

Files — Client file
(xCell Pro version only)

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PicoFlash, MeloFlash
Transit time, thermolysis intensity and number of thermolysis impulses.

⚡		ᴨᴨ
0.029 s	66 %	1 X

MultiPlex
Transit time and intensity for thermolytic heating, transit time, intensity and number of thermolysis impulses.

∿		⚡		ᴨᴨ
1.4 s	5 %	0.029 s	66 %	1 X

Synchro
Transit time and intensity setting of pico-impulses, time/delay factor. (This factor allows you to choose the selected length of each of the pico-impulses and the thermal relaxation time between each pico-impulse in milliseconds. The shorter the thermal relaxation time between each impulse, the more intense the heating will be.)

⚡		⊓o
0.13 s	54 %	2/1

PicoBlend
Transit time and intensity setting of galvanic current; transit time and intensity setting of thermolysis impulses; the number of thermolysis impulse. It is possible to perform an electrolysis treatment using only galvanic current by inputting "0" impulses for thermolytic heating.

🔋		⚡		ᴨᴨ
7 s	0.45 mA	0.029 s	66 %	1 X

OmniBlend, EvoluBlend
Transit time and intensity setting of galvanic current, the intensity of thermolytic heating (the computer automatically calculates the intensity and duration of time of the heating according to the chosen settings for galvanic current-actual value is displayed). It is possible to perform an electrolysis treatment using only galvanic current by inputting "0%" for thermolytic heating.

🔋		∿
7 s	0.45 mA	5 %

MultiBlend
Transit time and intensity setting of galvanic current, the intensity of thermolytic heating (the computer automatically calculates the intensity of heating according to the chosen settings for galvanic current - actual value is displayed); transit time, intensity and number of thermolysis impulses at end of the treatment.

🔋		∿	⚡		ᴨᴨ
7 s	0.45 mA	5 %	0.024 s	52 %	1 X

SynchroBlend
Transit time and intensity setting of galvanic current; intensity settings of the pico-impulses of thermolysis, time/delay factor. The first number stands for the duration (in milliseconds) of each pico-impulse, whereas the second one stands for the duration (still in milliseconds) of the thermic relaxation delay - i.e. without current.

🔋		⚡	⊓o
8 s	0.45 mA	6 %	2/1

EvoluBlend
Transit time and intensity of galvanic current; degree of thermolysis heat increase (the CPU will automatically calculate the intensity and duration of heat increase according to the given galvanic current settings - real value displayed); transit time, intensity and number of thermolysis impulsions at the end of the treatment.

🔋		∿	⚡		ᴨᴨ
7 s	0.45 mA	5 %	0.024 s	52 %	1 X

Electrolysis
Application time and intensity setting of galvanic current.

7 s	0.45 mA

Cata +
Intensity of galvanic current (adjust according to the client's tolerance).

1.06 mA

Ana -
Intensity of galvanic current (adjust according to the client's tolerance).

1.06 mA

CONTRAINDICATIONS TO TREATMENT

Indication:

This instrument is designed to perform professional hair removal treatment by application of RF and/or galvanic current.

General Contraindications:

- Epilepsy and seizures;

- The first 3 months of pregnancy;

- Cancer, radiotherapy, chemotherapy and remission (after 1 year without treatment and medication, and must provide a medical note);

- Hepatitis, AIDS and HIV;

- Hemophilia;

- Treatment with Accutane (wait 6 months after the last treatment);

- Puberty (wait one year after the onset of menstruation with a parental signature if under 18 years old;

- Multiple sclerosis (with medical note) only thermolysis;

- Type 1 diabetes;

- Cochlear implant;

- Pacemaker (with medical note).

Local Contraindications:

- A pregnant woman's breasts and abdomen;

- Phlebitis and thrombophlebitis;

- Infection, disease and localized dermatitis (mycosis, warts, cysts, etc.);

- Hairy nevi (medical note);

- Trunk varicose veins;

- Eyelashes;

- Inside the ears;

- Inside the nostrils;

- Erythema (inflammation, sunburn);

- Oral or genital herpes (with antivirals) Valtrex, Zantrex;

- Local pain and neuralgia.

General Contraindications to galvanic current:

- Paralysis;

- Pregnancy;

- Multiple sclerosis;

- Pacemaker;

- Epilepsy;

- Cancer.

Local Contraindications to galvanic current:

- Metal inclusion (coil, piercing, etc.);

- Orthodontic treatment (braces, lingual wire retainers, dental implants, bridges and partials);

- Thyroid gland disorder;

- Saline implants;

- Contact Lenses;

- Local paralysis.

Precautions:

- Allergies;

- No problem for type 2 diabetes (with medical note);

- Botox injections, etc. (wait 15 days);

- Hearing aid (turn off).

Dectro International will not be liable for any damages or accidents that may occur due to the improper use of this device.

The client must always sign a medical consultation form that should be filled out by a professional detailing the contraindications and recommendations following the treatment.

TESTS

Accessory Test

Blend Test
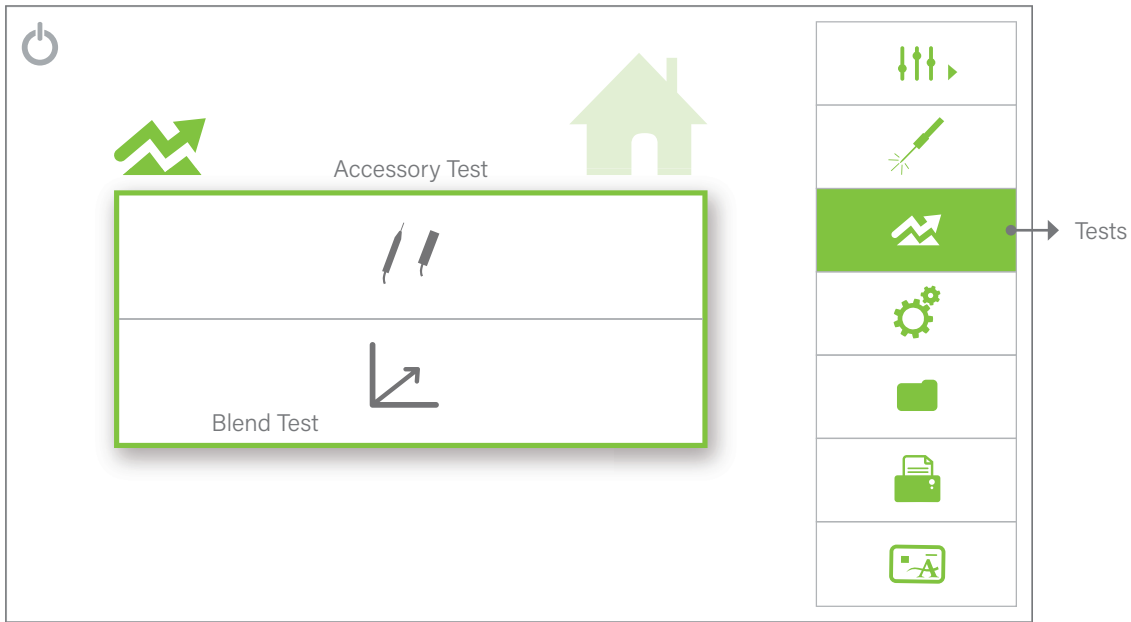
Tests

C H A P T E R 3
Customization and Testing!

This menu allows you to perform various tests. To do this, press the *Test* (⚡) button to the right on the home screen.

Then press the desired operation (in the middle of the screen). Depending on the operation, follow the screen instructions or perform the various tests.

ACCESSORY TEST

Allows you to validate proper conductivity or any accessory malfunction, such as the electrolysis probeholders A and B, the red and black wires. To perform this test, follow the procedures listed on the screen. When checking the electrolysis probeholders, make sure that they are properly connected to the device and that you have removed the white plastic tip ensuring contact in the appropriate test connection port.

BLEND TEST

Allows you to measure in milliamps (mA) your client's tolerance to galvanic current when working with combined currents in blend mode.

To perform this blend Test, the inactive electrode (bar electrode or plate electrode) must be placed in close proximity to the region being treated, while in direct contact with the client's skin. The inactive electrode must first be covered with a damp sponge-like cover and compress. The sponge-like cover and compress should remain moist for the duration of the test.

An insertion into a hair follicle must then be performed. The current intensity gradually increases as you press on the pedal. The pedal must be released when your client tells you that he has reached his tolerance level.

The current intensity indicated by the device corresponds to the tolerance level of your client.

In order to determine your client's tolerance level as accurately as possible, it is best to repeat the test 2-3 times.

The Apilus xCell will automatically readjusts the intensity of the galvanic current to client's tolerable current level, and also for all combined current modes in Blend and Electrolysis.

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CLIENT FILES

Create a new File ← → Existing files

Client Folder →

Print client files ← → Appointment Calendar

EXISTING FILES

Last session: Next appointment:
2015-04-15 15:52 PM 2015-06-16 16:30 PM
Upper lip   1 of 1

Bouchard. George
Tremblay, Josée (418-555-1234)

File Search →

Modify a client file and
a medical record →

Statistics →

Print a client file →

Open a client file →

MEDICAL PROFILE

Adams, Laura

X Iodine allergy   X Cortisone
✔ Cosmetics prod. allergy   ✔ Diabetes
✔ Oral contraceptive   X Epilepsy
X Anti-inflammatories   X Pregnant
X Antibiotics   X Hemophilia
X Anticoagulants   X Hepatitis
X Other allergies   ✔ Homeopathy
X Scars   X Hormones

1/2

2/2

ok

To activate a condition in
the medical profile, press
the X next to the condi-
tion. A green check mark
will appear.

Please note that there
are 2 pages available
which can be reached
by using the buttons on
the right.

When you make an
entry, you should always
confirm with the OK
button at the end.

Information Collection and Management!

CLIENT FILES

Your Apilus xCell Pro device allows you to create up to 1,000 client files and perform various management options. To do this, press the *Client Files* (▬) button to the right as shown in the client files menu screen on left.

Then press the desired option (in the middle of the screen). Depending on the option chosen, enter your preferences by selecting the information to fill. If necessary, an alphabetic or numeric keyboard will appear on the screen. Once the entry is completed for each section, press the *OK* button located at the bottom right of the screen.

Creating a new client

Allows you to create a new client record. During the creation of a client file, the Apilus xCell will ask if you would like to complete a medical profile at this time. To confirm a current medical condition on the medical profile, press the X located next to the condition(s) you wish to select and a green checkmark will appear. Please note that there are 2 pages of medical conditions available to choose from that can be viewed by using the buttons located on the right side of the screen. Whenever you make an entry, you should always validate your entry by using the *OK* button at the end.

Existing Client files

This menu allows you to quickly view a list of all your clients and to perform 5 different actions. It is always important to select the desired client file before choosing actions #2 to 5.

Print client files

Allows you to print off a list of all existing client files.

Appointment calendar

Allows you to view or print a list of future appointments. At the end of every treatment where a client file was opened, the device will prompt you to enter the date of the next appointment.

BILLING

Your Apilus xCell device allows you to charge your customers for the care they have received and to print an invoice using the internal printer. To do this, make sure that you have first configurate your billing rates in the configuration menu (see chapter 1, section titled: configuration). Next, you will need to open a Client file (see Chapter 2 and 4, section titled: client file) so that the Apilus xCell device will store the treatment data. At the end of the treatment, you must close the client file. The device will then prompt you to enter the date of the next appointment (if necessary) and print an invoice.

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PRINTER

Feed the printer paper

Reset the printer

Reprint invoice

Printer
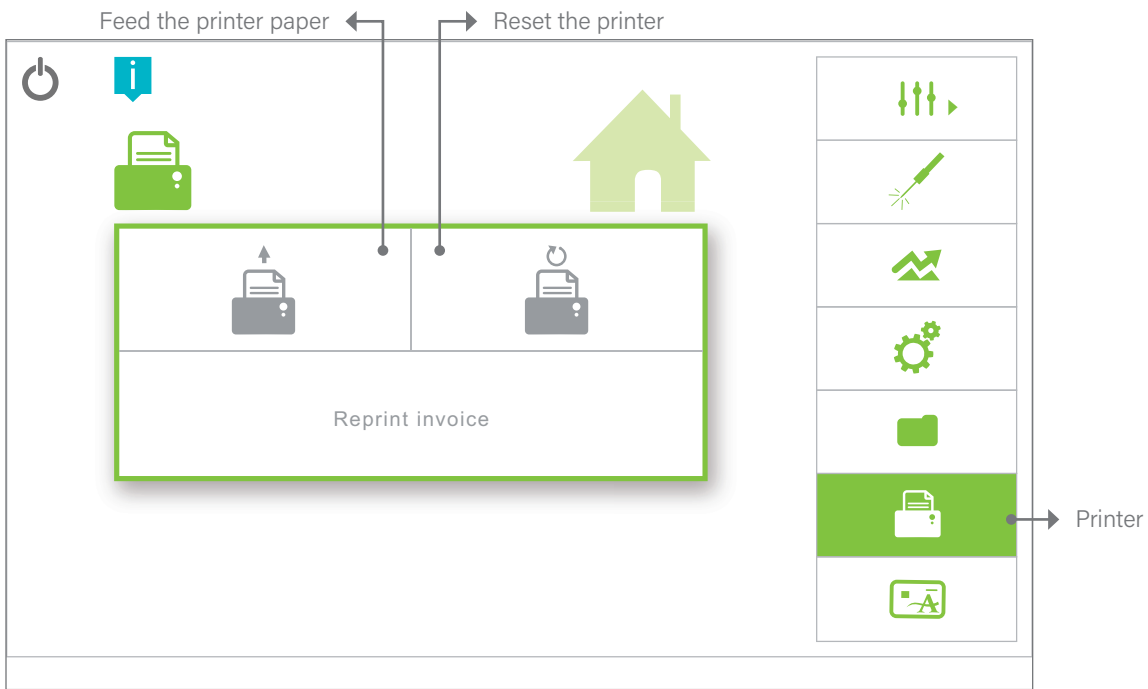
```
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
        Invoice #: 0000000
      2015-04-15   05:06 PM
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
File #: 00000
Lane, Suzan
Session count: 1
Probe type: ITH | 3
Arm........................20

        Treatment report
        ----------------------

Nbr. Insertions: ..........52
    Total: ................52
Treatment time: ........00:31
    Total: .............00:31
Hourly rate: $25.00/15m
                 ----------------
Subtotal...............$51.66
TX1(07.00%)............$3.61
TX2(07.50%)............$4.14
                 ----------------
Total.................$59.14

Your electrologist:
   Julie

Next appointment:2015-04-15
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

EARNINGS REPORT

Your Apilus xCell device can print and save on a USB stick X and Z earnings reports. This function is very useful to help you keep track of your earnings and to quickly provide this information to your accountant. The difference between X reports and Z reports is that X allows you to conveniently review all of your earnings while Z returns the total earnings of the day back to 0 and closes the cash register at the end of the day. This feature is only available to the supervisor in the configuration menu, *Users and Clinic*(🏫👤)button (see screen in Chapter 1). When you press on the report X,Z key the device will ask you if you wish to print the report. Once it is printed, you will be able to save it to a USB stick if it has been inserted prior.

PRINTER

Your Apilus xCell Pro device possesses a fast and efficient thermal printer. To manage your printer options, press the *Print* (🖨) button located at the right of the main menu. This menu will allow you to perform the following 3 actions:

PRE-PAID TREATMENT CARDS

Your Apilus xCell Pro device allows you to use smartcards, that are prepaid treatment cards. Smartcards are very useful by offering time credit packages to your customers or by offering gift cards that will help to generate revenue more quickly for your business and help reinforce customer loyalty. Their use is very simple and flexible, it is up to you to decide the number of minutes and the rates that are registered on the pre-paid cards that you offer. Each card sold is associated with your clinic. The card contains information about the client and the treatments they have received. As needed, it is also possible to reload the client's card with additional minutes.

New functionalities regarding prepaid cards have been added with the xCell pro 2.11 software update. The following informations regarding the client can now be saved on the cards: surname, name, gender, phone, email, medical records, next appointment, stats and parameters for last 3 treatment sessions. The phone number and notes are kept only in the client record that is saved on the device.

Cards can be used alone or in association with a client file on the device. A single card can be used on many devices in the same clinic, as long as all of them use the same clinic code. Some peculiarities are to note regarding information saving options:

- When a card is not linked to a client file in the device, the informations will only be saved on the card.

- If the card is linked to a client file and is used in the device where the file was created, both card and file will be updated together.

- If the card is used on other devices in the same clinic, data will only be updated on the card. When the card is once again used on the device where the client file was originally created, the latter will be updated according to the latest treatment data available.

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SMARTCARD

Statistics of the card inserted into the card reader

Overall statistics for all cards

Current card
Insertion count
0
Nb of sessions
0
Average time
0:00
Total time
0:00
Remaining time
0:01

Total cards
Insertion count
0
Nb of sessions
0
Average time
0:00
Total time
0:00
Created card count
1

Debiting time off a card (start a treatment)

Recharge time on card

Modify or delete card

Smartcard

Reload cards

Note: The icons and information in the Smartcard menu are accessible only if the card has been initialized and if you are not in treatment mode.

INITIALIZE A SMARTCARD

Link the card with an existing customer file in the device

1 of 1

No existing client.

Create a new client file in the device and link it with the card

Use the card alone

ok

FILE ON SMARTCARD

Modify client information

Last name

First name

Phone

E-mail

Female

Male

Modify the client's medical file

Modify the client's appointments

Delete the file

ok

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Using smartcards

Before using any smartcards, you must first make sure you have determined your clinic code in the configuration menu (Normally, the device will have asked you to perform this action when you first turned on the device). This code will be recorded on each chip card sold and will ensure that the cards will be only valid for your Clinic/Salon. If you change the clinic code, any previously created smartcards will no longer work. It is therefore recommended that you do not change this code and that you keep this information private.

Initialize a new card

To create a new smartcard, insert an empty card into the slot located on the right side of the device's front panel. The device will ask you if you want to initialize it. You have 3 options:

1- Link a card to the client file that already exists in the device. To do this, select a client file in the list displayed on the screen. The data of the client file will be stored in the card and the device.

2- Create a new file for the client in the device and link it to the card. To do this, press on the file icon with + sign ( ) on the top right corner of the screen. The information relating to the new client file will be saved on the card and the device.

3- Use the card alone without associating it to a file on the device. To do this, press on the file icon with a card and + sign ( ) at the bottom right corner of the screen. The client information will be saved on the card only.

The device will then prompt you to choose the number of minutes as well as the rate to save on the card and if you want to print a receipt.

The device will finally ask if you want to begin treatment (which will allow you to withdraw time from the card).

Modify or delete data on the card

It is possible to modify or delete the client data on a card (including the clinic code) and then to reinitialize it. To do this, insert the card. Indicate that you do not want to start the treatment and select the Smartcard menu. Then press on the 3rd icon ( ). Make the desired modifications and press OK. To delete, press on the trash bin icon. Be careful, as this operation is permanent.

Debiting time off a card

To debit any time off a card, insert the smartcard into the reader. The Apilus xCell will inform you that the card is associated with a client file (in the device or on the card only) and ask you if you would like to begin treatment. If so, press on the treatment icon on the right hand corner to choose parameters. Once the treatment is complete, you must close the current session. The unit will print off a statement of the treatment that was performed and the minutes that still remain on the customer's card.

Reloading additional minutes onto a card

When the minutes have expired on a smartcard, the unit will then notify you and ask if you would like to reload the card. If you choose to reload it, select the desired number of minutes/rate to add and a statement will be printed.

Viewing information on smartcards

To view the statistics on a smartcard inserted into the card reader or those which have been sold, go to the smartcard menu as shown on left.

Adding minutes to an existing card

To add minutes to an existing card, which still contains treatment minutes that have not been used, go to the smartcard menu and press the Reload cards icon. Choose the desired number of minutes/rate to add and a statement will be printed.

DATA BACKUPS, TRANSFERS AND UPDATES

Thanks to its USB port, the Apilus xCell device allows for program updates, to backup the device's data and to transfer data onto the device.

To do so, you must first insert a USB into the port located on the left side of the device's front panel. Next, press the configuration key. After a short delay a USB icon will appear at the bottom of the screen. Press on that icon.

Once in the USB menu, you can now select the desired option, on left.

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Backups

As a precaution, we recommend that you regularly make a backup of your data (programs, configuration) onto a USB drive. This database can then be saved in your personal computer as needed.

Transfert

The transfer of data from a USB drive into your device may be useful when encountering problems. However, prior to transferring any data to your device, we suggest you contact your dealer or service center.

⚠ **WARNING:** This operation will replace the clients, users and configuration databases in the unit by the ones on the USB key. This action must be done only if the databases in the unit are corrupted.

Program Updates

To update the device software, please go to **https://academiedectro.com/en/apilus-xcell-training/**, click on the update tab and follow the on-screen instructions. If you do not have a password to log in, first register your device here:
http://www.dectro.ca/apilus_xcell_en/

Once you have submitted the online form, you will receive an email with your login information for the Apilus xCell training website. Double check your spam folder add us to your contact list if you do not receive the email.

⚠ **WARNING:** As a precaution, always make a backup of your data on a USB drive before performing a program update on your device.

CONFIGURATION

Software version: x.x

Option

USB

Configuration

USB

✔ Client database
Backup date: 2013/08/28 14:39

✔ User database
Backup date: 2013/08/28 14:39

✔ Database config
Backup date: 2013/08/28 14:39

X

Backup device data onto a USB drive

Transfer data from a USB drive into the device

Eject the USB drive

Perform a device update

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MAINTENANCE

Your Apilus xCell epilator requires minimal maintenance. To protect the original finish, clean it with a soft cloth and a mild detergent. If necessary, clean the cords in the same manner. Do not use volatile solvents that may damage the case. Make sure that no liquids penetrate the device.

⚠ **IMPORTANT:** Never perform any maintenance duty while the device is in operation and a patient is under treatment.

⚠ **IMPORTANT:** Always turn off the power and the main power switch at the back of the unit during maintenance.

Touch Screen

The touch screen is an electronic visual display that the user can control by touching the screen with their fingers rather than using a mouse or a keyboard. It is fragile and should be cleaned with care in order to maximize its performance and extend its use.

Please observe the following maintenance steps:

1. Turn the device off. The screen's brightness can prevent you from identifying any dust or fingerprints on the screen;

2. Use a lightly moisten microfiber* cloth with distilled water or Biotext wipes or lenses wipes. Make sure the cloth is slightly damp and not wet. Clean the screen in a circular motion to remove any dust, dirt or fingerprints;

3. Wipe the screen with a dry microfiber cloth to remove the excess moisture;

4. Clean the touch screen regularly to maximize the visibily;

5. You must never use organic or solvent based alcohols to clean the touch screen, as they can cause serious damage to it.

*Microfiber cloth used to clean camera lenses or glasses.

Accessories

The bar electrode or plate electrode should be cleaned after every use with an alcohol wipe. The tip of the brass electrolysis probeholder can be cleaned with a small brush and an antibacterial soap. For the white plastic tip of the probe-holder, you may use disposable ones. If you use reusable ones, they must be sterilized after each treatment. First clean them with an ultrasound device or with a cotton swab soaked in antibacterial soap, then sterilize them using the proper dipping solution or an autoclave. The white plastic tip must never be placed in a bead sterilizer or in a sterilizing oven, as it cannot withstand the high temperatures of these devices.

The sponge-like cover can be cleaned using a mixture of soapy water and bleach. You can also use an antibacterial soap.

⚠ **IMPORTANT:** The electrolysis probes must not be reused or transferred from one client to another. It is important to use only pre-sterilized electrolysis probes that are individually bagged and then discarded after every use. They must be disposed of in a suitable container that is clearly identified for contaminated products.

The tweezers used to perform an epilation must be sterilized after every use. (Follow the proper sterilization procedures according to the education received).

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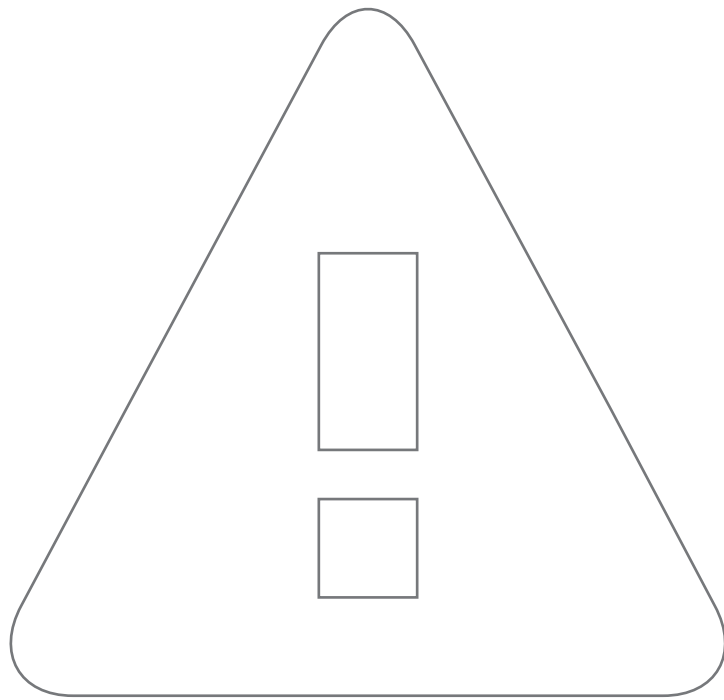
PRECAUTIONS

⚠ **WARNING:** Make sure that the "On/Off" switch is in the "**Off**" position before installing or unplugging and plugging in the device's power supply, even if the unit is turned off correctly via the user interface.

⚠ **WARNING:** The heat generated can reach 70°C – IF IMPROPERLY USED this may cause microscopic burns.

⚠ **WARNING:** The Apilus xCell is a sophisticated device that uses advanced computer technology. Avoid plugging the Apilus xCell into an electrical circuit that is loaded with other high energy consuming devices or equipment, such as an air conditioner.

⚠ **WARNING:** Do not remove the external power supply cable's third terminal (the ground). This terminal is there for your safety and to ensure the device's proper functioning. This terminal helps prevents the risk of electric shock and makes certain that the outlet is properly grounded. If there is any doubt, please have the outlet checked by a qualified electrician.

⚠ **WARNING:** This device is only intended for professional hair removal treatments and only qualified and certified electrolysis should operate this device. If you are not familiar with any of the techniques that are offered by this device, it is recommended that you contact a qualified institution to expand your knowledge on its operations. The electroepilation can be performed on all healthy, normal skin.

⚠ **WARNING:** The Apilus xCell is a sophisticated device that must be installed and operated in accordance with the instructions within this manual in order to meet the proper electromagnetic compatibility requirements

⚠ **WARNING:** The Apilus xCell is a Class A device. It is compatible for use in a commercial non-residential environment. There is the possibility that some electromagnetic interference may occur in different environments due to the presence of conducted and radiated emissions.

⚠ **WARNING:** The use of different cables, accessories or spare parts, other than those specified and pro-vided by Dectro International can affect the performance of the device and can result in an increase of emission and/or a decrease of immunity to external interferences.

⚠ **WARNING:** To avoid risk of electric shock, this equipment must be connected to the external power supply provided with the device as described in the Technical Specification Section.

⚠ **WARNING:** The device must be placed in such a way that the main switch is accessible.

⚠ **WARNING:** Use in a professional quiet, clean and dry environment.

⚠ **WARNING:** This device is not sterile and does not require sterility (see maintenance procedures for details).

⚠ **WARNING:** Do not touch the connector pins with your fingers or a hand tool, and do not connect any of the equipment until the proper precautions have been taken against electrostatic discharges.

Precautions to Prevent Electrostatic Discharge
The use of a humidifier which would help increase the humidity levels within the room where the unit is located, can assist in avoiding the build up of electrostatic charges. Conductive floor coverings help in preventing the formation of electrostatic charges. Clothing made from non-synthetic materials are less likely to generate a static charge than those that are synthetic.

A person carrying an electrostatic charge can eliminate the charge by touching the device's metal casing, by touching anything metal that is grounded or by touching a large metallic object.

⚠ **WARNING:** The device's operating system may be affected by portable and mobile RF communication equipments, such as cell phones.

⚠ **WARNING:** This device should not be used near or stacked with other electrical appliances. The electro-medical compliance standards does not guarantee the electromagnetic compatibility between devices that are near one another. If it is necessary to have them near or stacked together for their use, ensure to observe the specifications of each device in order to optimize their performance.

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Guide to avoid or to eliminate electromagnetic interference with other equipment

The most effective way to prevent your Apilus xCell device from interfering with the operation of other equipment is to move it as far away as possible from those devices.

In the event that a disruption to the normal operation of the equipment is discovered, it is possible to determine which of the devices is responsible for the interference by turning them off one at a time. Possible corrective actions include:

- Relocate the disruptive device as far away as possible from the affected device;

- Check the condition of the cables that are connected to both the interfering device and the affected unit;

- Move the cables connected to both the interfering device and those of the affected unit;

- Ensure that the equipment is properly grounded;

- Connect the interfering device and the affected device on different AC power distribution circuits;

- Install filters between the AC circuit outlet and the power supply for each device;

- Replace the cables from both the interfering device and affected device with shielded cables.

Apilus xCell precautions

- Do not place this device in a dusty location;
- Never replace the fuses with others that have a different amperage;
- Take care not to damage the power cord to avoid any risks of fire or electric shock;
- Avoid exposing the device to a heat source, such as the sun;
- When maintaining the unit, use a soft cloth with mild detergents. Avoid any volatile solvents, such as wax cleaners, as they could damage the finish;
- Do not place the device in a humid area. It should be kept away from water or other liquids that could damage it;
- Do not add equipment which is not supplied by the manufacturer, and do not perform any modifications whatsoever. Do not attempt to disassemble unit. Refer all repairs to a service center authorized by Dectro International which only use compliant components to perform repairs;
- This device and its accessories should be kept out of the reach of children or unqualified individuals;
- Never use any defective accessories with this device. If the Apilus xCell needs to be transported or shipped, always use its original packaging.

Disposal of Materials

The Apilus xCell is an electronic device. It should not be disposed of in the household waste, but should be collected through separate collection at the end of its useful life. Please check with your local municipality for information on the services and operation of the electronics collection.

Probes used to perform treatments must be placed in containers specially design for biomedical waste. These containers must be kept out of reach of children to prevent any risk of accident. They must then be collected through a separate collection service. If not properly recovered, biomedical waste can contribute to the spread of infectious diseases, as well as to the contamination of soil, water and air.

xCell Symbol Table

Symbol	Description/Explanation
CSA c us 272805	Indicates that this product has been tested and found compliant to the following requirements • CLASS 8780 01 - MEDICAL ELECTRICAL EQUIPMENT (Canadian adopted IEC 60601-1 3rd edition) • CLASS 8780 81 - MEDICAL ELECTRICAL EQUIPMENT (US Adopted IEC 60601-1 3rd edition)
CE Groupe 2 Classe A	Indicates that this product complies with the essential requirements of the European technical regulations ("Directives"), related to European health, safety and environmental protection legislation.
FCC	Federal law restricts this device to sale or on the order of a qualified physician or other qualified practitioner licenced by the law of the state in which he/she practices. This device complies with part 18, subpart "C" of the FCC rules for industrial, scientific and medical equipment. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
EAC	The Eurasian Conformity mark (EAC, Russe: Евразийское соответствие (EAC)) is a certification mark to indicate products that conform to all technical regulations of the Eurasian Customs Union.
(factory)	Indicates the Device Manufacturer: • Dectro International | Head office 1000, boulevard du Parc-Technologique Québec (Québec) G1P 4S3 Canada--
(factory CA)	Country of manufacture. Identifies the country of manufacture of the product. "CA" means Canada.
(factory)	Indicates the date when the device was manufactured.
WEEE	The WEEE marking: The symbol indicates that the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling.
MD	Indicates the item is a medical device.
EC REP	Indicates the authorized representative in the European Community.
REF	Catalogue number: Identifies the manufacturer's catalogue number.
SN	Serial number. Identifies the manufacturer's serial number.
UDI	This symbol, next to bar code, refers to the unambiguous identification of a specific medical device on the market. Machine readable Human readable 01)008270020051112(17)000004(10)1234(21)8234 (01) Device Identifier (17) Expiration date (10) Lot Number (21) Serial Number
⚠	General warning sign. Indicates that this equipment must be operated by qualified personnel only.
⚡	Indicates a risk of electric shock: Risk of electrical shock. Do not open cabinet. Refer servicing to qualified personnel.
((•))	Indicates that the equipment uses RF electromagnetic energy for treatment.
📖	Refer to instruction manual/booklet. Indicates that the instruction manual/booklet must be read.

CUSTOMER SERVICE

Your Apilus xCell carries a limited warranty against manufacturing and material defects. Please consult the warranty enclosed with the unit for more details.

A troubleshooting guide is available to help resolve most of the minor problems you may encounter while operating your Apilux xCell without the intervention of a technician. Refer to the "Troubleshooting" section before contacting our after-sales service department.

If the problem persists, please contact your distributor. He is trained to solve most of the problems that you may experience with your Apilus xCell. When in correspondence, make mention of the model number, and the serial number located underneath the unit with the date of purchase.

If you are unable to reach your distributor, please contact the after-sales service department directly at Dectro International at the following phone number. A technician will be available to help you resolve the problem, and, if necessary, will give you any relevant information you may need to ship your device to a service center. Please provide the technician with the model and serial number located underneath the unit, the date of purchase and the name of your distributor.

Please note that you must obtain an authorization number (RMA) before returning your unit to the service center at Dectro International, otherwise an additional fee will apply. This authorization number does not restrict but helps facilitate the process of your request through our after-sales service.

Dectro International

1000, boulevard du Parc-Technologique
Québec (Québec), Canada G1P 4S3

Telephone: 418.650.0303
Toll free: 1 888.650.5573
Fax: 418.650.0707

E-mail: service@dectro.com

WARRANTY

1. Your warranty covers the device's electronic components for a period of thirty-six (36) months from the date of purchase, this includes the cost of parts and labor;

2. Warranty covers all manufacturing and material defects for a period of thirty-six (36) months from the date of purchase, this includes the cost of parts and labor;

3. All accessories carry a limited time warranty of ninety (90) days from the date of purchase, and will be repaired or replaced free of charge if determined to be defective;

4. This warranty does not cover:

   a) the installation,
   b) the outer casing and the finish,
   c) any damages that occurred during delivery,
   d) the cost of repair for damages caused by: improper voltage use, misuse, abuse, accident or alterations to the unit. The removal or alteration of the serial number, and/or the opening of the machine's casing, voids all obligations of this warranty;

5. Neither the manufacturer nor the dealer are responsible for: any special or consequential damages resulting from device defects, any delays in service, or any consequences that result from the improper use of the device. This device must only be used by qualified personnel;

6. The terms of this warranty are not intended to limit your rights as established by the government or the state. Please consider this warranty supplemental to any applicable law;

7. Repairs must be carried out in a service center that has been authorized by Dectro International. Any repairs and/or replacement part carried out under this warranty will only be covered for the duration of the warranty period. The owner must provide a copy of the proof of purchase for any repairs that are covered under warranty;

8. Shipping and delivery are not covered under this warranty. In the case of manufacturing defects, the owner must ship the device, prepaid to their nearest authorized service center. Dectro International, the distributor and its agent assume no responsibility for any packages lost or damaged during transport or shipping;

TROUBLESHOOTING

Many problems can be resolved without having to call a specialist. If a problem occurs, you can try to resolve it by following these recommendations. If the problem cannot be resolved, your Apilus xCell should be entrusted to an authorized service center.

The device does not work after being turned on
- Check that the power cable is properly inserted into the power source, and the device connection at the back of the case;

- Verify the proper function of the electrical source by plugging in another device into the electrical outlet;

- Check the device's fuses and replace them if necessary;

- Verify the the main power switch at the rear of the unit is on.

The device operates intermittently
- Check that the power cable is properly inserted into the power source, and the device connection at the back of the case.

The touch screen does not work after the device is turned on
- The screen calibration procedure must be done;

- Turn the unit off and restart it after a few minutes to allow the computer to reset.

Current is not activating when using the pedal
- Verify that the pedal is properly connected to the device;

- Verify that the device isn't set to the "without pedal" operating mode. (Chapter 2: Adjusting the settings);

- The treatment time and current intensity must be sufficient in order to perform the treatment;

- Verify that the electrolysis probeholder is properly connected to the device.

- Verify that the electrolysis probeholder being used corresponds to the one identified by the device's indicator light;

- You should verify that the electrolysis probe being used is working properly by performing the accessory test or by using a new electrolysis probe;

- The pedal might need a cleaning.

The current does not activate when in "without pedal" mode
- The "without pedal" operating mode must be enabled. (Chapter 2: Adjusting the settings);

- Verify the insertion activation delay and make sure it is properly set (Chapter 2: Adjusting the settings);

- The treatment time and current intensity must be sufficient in order to perform the treatment;

- Verify that the electrolysis probeholder is properly connected to the device;

- Verify that the electrolysis probeholder being used corresponds to the one identified by the device's indicator light;

- Verify that the red cable is properly connected;

- Verify that the inactive electrode (bar electrode or plate electrode) has good contact with the client's skin. Verify that the sponge-like cover and compress are kept moist throughout the duration of the treatment;

- You should verify that the electrolysis probe holder and red cable being used is working properly by performing the accessory test or by using a new electrolysis probe.

The audible notification does not work
- Check the notification volume settings.

SPECIFICATIONS

Thermolysis:

PicoFlash, MeloFlash, MultiPlex, Synchro*
(*included in the xCell Pro version, optional for the xCell Pure version)

ISM Frequency: 27.12 MHz

Heating intensity (MultiPlex):
adjustable from 0 to 29%, in 1% increments

Pulse intensity (PicoFlash, MeloFlash, MultiPlex, Synchro):
adjustable from 0 to 100%, in 1% increments

Pulse duration (PicoFlash, MultiPlex):
adjustable from 0.000 to 0.500s,
in 0.001s increments

Pulse duration (MeloFlash, Synchro):
adjustable from 0.00 to 0.99s, in 0.01s increments

Heating duration (MultiPlex):
adjustable from 0.0 to 10.0s

Number of impulses (PicoFlash, MultiPlex):
adjustable from 0 to 9 in increments of 1

Proportional Thermolysis:
active in PicoFlash, MeloFlash and MultiPlex

Indicator light: when thermolysis current is active

Audible notification: at the end of an impulse

Electrolysis:

Regulated current: adjustable from 0.00 to 2.00mA in 0.01mA increments

Anaphoresis or cataphoresis:

Regulated current:
anaphoresis: adjustable from 0.00 to 2.00mA
cataphoresis: adjustable from 0.00 or 3.00mA
in 0.01mA increments

Polarity: electronic inversion

Indicator light: current flow

Cataphoresis programs: 110

Combined current (blend):

PicoBlend, OmniBlend, MultiBlend, Electrolysis, SynchroBlend*, EvoluBlend* (*included in the Pro version, optional for the Pure version)

Galvanic current:
adjustable from 0.01 to 0.99mA, in 0.01mA increments (0.01 to 2.00mA for Electrolysis mode)

Treatment duration: adjutable from 4s to 30s (OmniBlend, MultiBlend, EvoluBlend), from 4s to 60s (PicoBlend, SyncroBlend, Electrolysis) in 1s increments

Thermolysis impulse intensity (PicoBlend):
adjustable from 0 to 29%, in 1% increments

Number of impulses (PicoBlend):
adjustable from 0 to 9 in increments of 1

Maximum intensity of thermolytic heating (MultiBlend, EvoluBlend, OmniBlend):
adjustable from 0 to 29%, in 1% increments

Final thermolysis impulse intensity (MultiBlend):
adjustable from 0 to 100%, in 1% increments

Intensité de l'impulsion (SynchroBlend) :
adjustable from 0 to 10%, in 1% increments

Duration of the final impulse (MultiBlend):
adjustable from 0.000 to 0.500s in 0.001s increments

U.L. (Units of Lye): from 0 to 594
Electrolysis: from 0 to 1200

The application of currents:
switchable – can begin with galvanic or can begin with thermolysis

Indicator light:
galvanic current is active and thermolysis current is active

Audible notification:
at the end of an impulse

Treatment programs:

Treatments available in thermolysis modes: PicoFlash, MeloFlash, MultiPlex, PicoBlend, OmniBlend, MultiBlend, Synchro, SynchroBlend and EvoluBlend (optional xCell Pur version)

Number of preset programs:
Genders: female or male
Regions: 11
Levels (hair sizes): 10
Probe types: 3
Probe sizes: 5

Number of user programs:
xCell Pur version: 60, 90 with Synchro option
xCell Proversion: 900

Current activation:

switchable - automatic activation or with the use of the pedal

Insertion activation delay (automatic): adjustable from 0.0 to 10.0s, in 0.1s increments, can be automatically or manually adjusted

Hydration test:

Classification: dry skin, normal skin, hydrated skin

Accessory test: Check the condition of all the cables

Outputs:

Probeholders: 2
Active: 1
Passive: 1
VitaPhase (optional device): 2

Timer:

Countdown: adjustable up to 23h59 minutes, in 1 minute increments

Activation: automatic or manual

Audible notification: activates when the alarm goes off and when the timer expires

Alarm: adjustable up to 23h59 minutes, in 1 minute increments

Audible Notification: Adjustable

Probeholders: Compatible with F-type probes, compatible with K-type probes (optional)

External power supply:

Brand:　　　　　Mean Well
Item number:　GSM120A48-R7B
Series:　　　　 GSM120A
Description:　　AC-DC Medical desktop adaptor.
Output: 48Vdc at 2.5A
AC 3 pole IEC inlet
Power consumption: 120W max

Only use with the power supply and power cord provided by Dectro International.

Power consumption: 120W maximum

Operating Conditions:

Temperature: 0°C to +40°C,
Relative humidity: 20% to 90%,
Atmospheric pressure: 70kPa to 106kPa

Shipping and storing conditions:

Temperature: -20°C to +60°C,
Relative Humidity: 10% to 95%,
Atmospheric pressure: 50kPa to 110kPa

Display: 7 inch color touch screen (800 × 480).

Display Language: English, French

Dimensions:

	Open	Close
Depth	40cm/15.7inch	17cm/6.7inch
Wigth	42cm/16.5inch	42cm/16.5inch
Height	31cm/12.2inch	39cm/15.4inch

Weight: 17lbs (7.71kg)

Software version:

Available in configuration menu or in the start up screen (depending on version).

GUIDE AND MANUFACTURER'S DECLARATION - ELECTROMAGNETIC IMMUNITY

The Apilus xCell is for use in the electromagnetic environment as described below.
The customer or the user of the Apilus xCell must ensure that it is used in such an environment.

Immunity Test	Test Condtion CEI 60601	Level of Compliance	Electromagnetic Environment Guide
Electrostatic Discharge (ESD) CEI 61000-4-2	± 6kV Contact ± 8kV Air	± 6kV Contact ± 8kV Air	Floors should be covered with wood, concrete or ceramic. When the floors are covered with synthetic material, the relative humidity should be maintained at more than 30%.

Transient fast/surge
 	
CEI 61000-4-4
	± 2kV
	    Supply lines
		± 2kV
		    Supply lines
			The quality of the voltage distribution must be that of the environment of a typical commercial or hospital.

Surge CEI 61000-4-5	± 1kV Between lines ± 2kV Between each line and grounding	± 1kV Between lines ± 2kV Between each line and grounding	The quality of the voltage distribution must be that of the environment of a typical commercial or hospital
Voltage dips, short interruptions and voltage variations CEI 61000-4-11	<5% U_T (>95% reduction de U_T) pour 0.5 cycle 40% U_T (60% reduction de U_T) for 5 cycle 70% U_T (30% reduction de U_T) for 25 cycle <5% U_T (>95% reduction de U_T) for 5s	<5% U_T (>95% reduction de U_T) pour 0.5 cycle 40% U_T (60% reduction de U_T) for 5 cycle 70% U_T (30% reduction de U_T) for 25 cycle <5% U_T (>95% reduction de U_T) for 5s	The quality of the voltage distribution must be that of the environment of a typical commercial or hospital. It is recommended that you connect Apilus xCell to an uninterruptible power supply or a battery if the user requires continuous operation during power interruptions distribution.
Magnetic fields (50/60Hz) CEI 61000-4-8	3A/m	3A/m	Magnetic fields should be at a typical level as found in a typical environment of a business or a hospital.

NOTE: U_T is the distribution voltage prior to application of the test level.

The Apilus xCell is for use in the electromagnetic environment as described below.
The customer or the user of the Apilus xCell must ensure that it is used in such an environment.

Immunity Test	Test Condtion CEI 60601	Level of Compliance	Electromagnetic Environment Guide
RF Conduct CEI 61000-4-6 RF Radiated CEI 61000-4-3	3Vrms 150kHz to 80 MHz 3V/m 80 MHz to 2.5GHz	3Vrms 3V/m	The radio communication equipment portable and mobile should not be used at a distance closer to the Apilus xCell, including cables, than the recommended below. The recommended minimum distance is calculated using the equation associated with the frequency of the transmitter. Minimum recommended separation $d = 1.2\sqrt{P}$ $d = 1.2\sqrt{P}$ 80 MHz to 800 MHz $d = 2.3\sqrt{P}$ 800 MHz to 2.5GHz Where P is the maximum output power in watts (W) specified by the manufacturer of the transmitter and d is the minimum separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range.b Interference may occur in the vicinity of equipment marked with the following symbol:

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

a. Field strengths from fixed transmitters, such as base stations for cellular phones and/or wireless transceivers land mobile service, transceivers amateur radio, AM radio transmitters and FM and transmitters broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location where the Apilus xCell is used exceeds the applicable RF compliance level above, the Apilus xCell must be observed to see if it works normally. If abnormal performance is noted, additional measures may be necessary, such as reorienting or relocating the Apilus xCell.

b. In the frequency range of 150kHz to 80 MHz, field strengths should be less than 3V/m.

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DISTANCES OF SEPARATION BETWEEN RECOMMENDED PORTABLE AND MOBILE RADIO COMMUNICATION AND APILUS XCELL

The Apilus xCell is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Apilus xCell can help prevent electromagnetic interference by maintaining a minimum distance between portable radios and mobile communication equipment (transmitters) and Apilus xCell. The table below provides the recommended minimum separation distances depending on the maximum output power of the transmitter and its transmission frequency.

Maximum transmitter power W	Separation distance according to frequency of transmitter m		
	150kHz to 80 MHz $d = 1.2 \sqrt{P}$	80 MHz to 800 MHz $d = 1.2 \sqrt{P}$	800 MHz to 2.5GHz $d = 2.3 \sqrt{P}$
0.1	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters whose maximum output power not listed above, the recommended separation distance (d) in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power of the transmitter in watts (W) specified by the manufacturer.

NOTE 1: At 80 MHz and 800 MHz, the separation distance of the higher frequency range applies

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

GUIDE AND MANUFACTURER'S DECLARATION - ELECTROMAGNETIC IMMUNITY

The Apilus xCell is for use in the electromagnetic environment as described below.
The customer or the user of the Apilus xCell must ensure that it is used in such an environment

Emission Tests	Compliance	Electromagnetic Environment - Guide
Emissions RF CISPR 11	Group 2	The Apilus xCell emits electromagnetic energy during the application of treatments. Electronic equipment placed nearby may be affected.
Emissions RF CISPR 11	Class A	The Apilus xCell is compatible for use in all establishments other than residential and those connected to the low voltage network which supplies buildings used for residential purposes distribution.
Harmonic Emission CEI 61000-3-2	Class A	
Voltage Fluctuations and Flicker CEI 61000-3-3	Non-applicable	