



Certification... A new impulse

Electrosurgical units, in compliance with new standards and dental environment constraints, now require a conductive plate for a current return path, placed in direct contact with the patient's skin for more security.

SATELEC®'s choice for a bracelet system is the best compromise for safety and convenience:

- Easy to install to enhance patient acceptance,
- Conductive (in direct contact with the patient's skin),
- Easily disinfected,
- Adjusted to a contact region with a low resistance,
- Perfect size to avoid concentration of heat.

30 watts is enough

Decreased Wattage for greater efficiency. This bracelet can concentrate the current at a given point offering:

- Controlled power,
- More reliable and reproducible settings,
- High performance and better yield,
- Less energy loss.

Incision



Electrodes

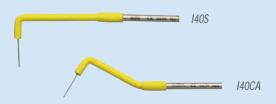
Classification of electrodes according to their size and hemostatic capacity



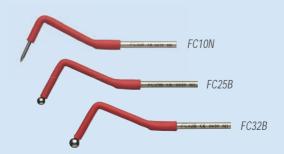




Coagulating incision Ø 0.40mm



Fulguration and coagulation Ø 1mm / Ø 2.5mm / Ø 3.2mm



Perform oral surgery on soft tissue quickly, precisely and safely

Unique, incision depth and coagulation can be controlled separately

- Perfect control of treatment (limiting the risk of burning the tissues)
- Efficient control of bleeding allows excellent visibility of the treatment area

Current quality (fully rectified and filtered)

- Minimally invasive: fine and even cut with no side effects
- Good-quality healing

SERVOTOM!

Only two potentiometers

- Easy to use
 - Incision:
 - Coagulation:
- Extremely responsive settings

Reliable and compact unit

- Very compact
- User-friendly for a fast set-up

Lightweight, electrode holder

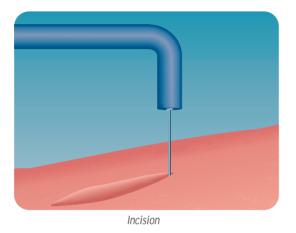
- Simple-to-mount electrodes
- Autoclavable

4

Techniques of use

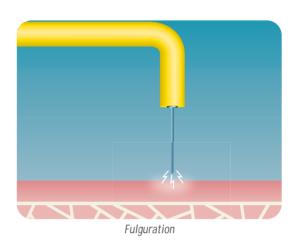
Electrosection

Vaporizing the tissue with the active electrode makes it possible to cut quickly without damaging the edges of the incision.



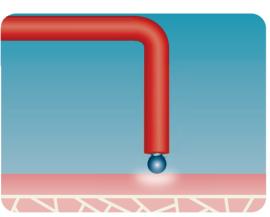
Fulguration

Makes it possible to surface coagulate gingival tissue while protecting the underlying layer.

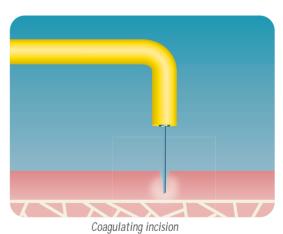


Coagulation

Concentrating energy at the surface of a massive electrode makes it possible to diffuse the heat to the surrounding tissue and produce instantaneous hemostasis.



Coagulation



The use of Servotome® offers:

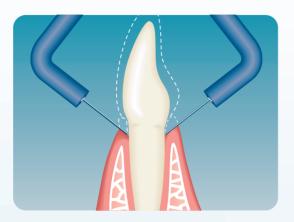
- The elimination of bleeding
- Reduced risk of cross contamination
- An extreme precision
- Less tissue dilapidation (cells volatilization)



Clinical cases

Gingival eviction

One of Servotome's best recommended uses; can easily be combined with the Expasyl® technique (Produits Dentaires Pierre Rolland®)



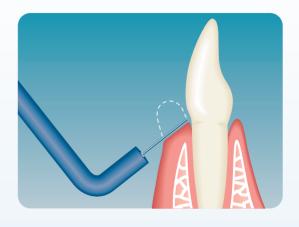
Abscess incision and drainage

Fast and deep treatment



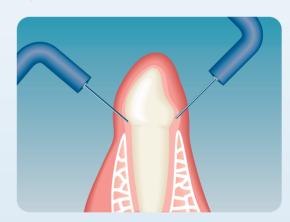
Gingivectomy

For extremely precise tracing of the ideal gingival line



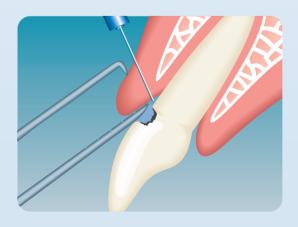
Exposure of impacted tooth

Circular incision for a clean and successful exposure



Dental neck exposure

Ideal for treating hidden decay



Areas of surgical application

Surgical application	Electrode(s) recommended									
	1225	I22CA	TR22T	TR22R	TR22L	140S	I40CA	FC10N	FC25B	FC32B
Oral surgery										
Gingival eviction										
Abscess incision and drainage										
Exposure of impacted tooth - operculectomy										
Removal of the pericoronal sac										
Hemostasis										
Restorative dentistry										
Dental neck exposure										
Exposure of fractured root Crown lengthening	•	•				•	•			
Elimination of hypertrophic gingiva										
Widening of sulcus										
Gingival modeling of edentulous crest										
Orthodontics										
Exposure of impacted tooth										
Frenectomy										
Crown lengthening for brackets placement		•				•	•			
Elimination of hypertrophic gingiva										
Operatory dentistry										
Preparation of cavity for inlay before impression						•	•	•		
Frenectomy										
Periodontics										
Flap surgery										
Gingivectomy										
Gingivoplasty										
Stripping										

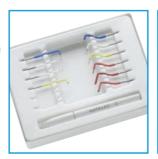




Technical specifications

Servotome® is delivered with:

- A control footswitch and cord
- An earthed power supply cord (disconnectable)
- A light electrode holder (disconnectable and autoclavable)
 - + light silicone cord (disconnectable)
 - + box of 10 electrodes (autoclavable)
 - + conductive bracelet
 - + user's manual







Supply voltage:	
Electrical classification:	
Power:	30W / 600Ω
Frequency:	1.2MHz +/-0.2MHz
Size (WxHxD):	
Weight:	1.2Ka

This medical device is manufactured according to current regulations and standards (IEC 60601-1) (IEC 60601-2-2) and according to certified ISO 13485 Quality Management System.

