

Servotome

Electrosurgery, also commonly called radiosurgery, is increasingly popular with dentists thanks to a new generation of easy-to-use, reliable, compact instruments.

SATELEC®, a leading manufacturer with over twenty years' experience in cutting-edge dental equipment, is introducing Servotome, a brand new high frequency scalpel.

The Servotome has become for all intents and purposes the industry reference for electrosurgery because it allows you to operate quickly, precisely and in total safety.

The high frequency generator uses state-of-the-art monopole/double-throw technology to control the active electrode whose power is self-regulated via a capacitive coupler.

The Servotome uses a fully rectified, filtered alternating current that provides the best possible performance: electrosection with smooth cuts and no side effects for enhanced, quality tissue healing.

Performance





In coagulation mode, lower current efficiency at the surgical site and controlled heat dispersal provide the desired hemostasis with no damage to subjacent tissues.

Hemostasis

The Servotome is one of the only generators that makes it possible to independently control the depth of the incision, and the extent of the coagulation.

Versatility

The Servotome also comes with one of the best selections of active electrodes in the industry to provide optimum diffusion of high frequency oscillations.*

-  Blue: incision (needle electrodes).
-  Yellow: incision-coagulation (blade electrodes).
-  White: stripping and plastic surgery (loop electrodes).
-  Red: coagulation (ball and conization electrodes).

With the Servotome, you can quickly and easily deal with common, everyday electrosurgical treatments:

Electrojection, vaporizing the tissue with the active electrode makes it possible to cut quickly without damaging the edges of the wound;

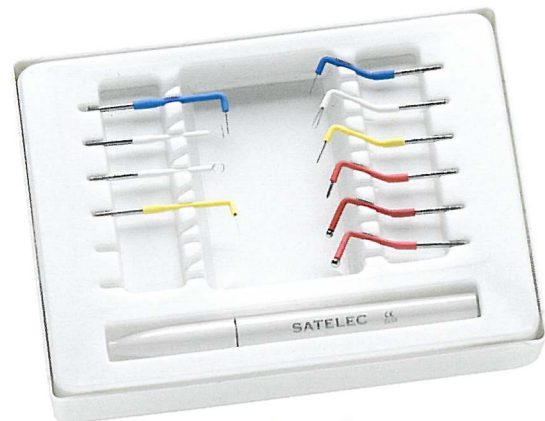
Fulguration, makes it possible to surface coagulate gingival tissue while protecting the underlying layer;

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.

The rapid set-up makes it possible to control bleeding quickly and efficiently. With its practical, precision electrodes, the electrosurge will not only save you time but will impress you with its versatility in prosthetic and restorative dental procedures.

Ergonomics

The lightweight, autoclavable electrode holder allows electrodes to be mounted and changed in complete safety. The dental surgeon and patient are totally insulated so that only the active part of the electrode is in contact with the tissue, thus avoiding the risk of burns.



Asepsis

All accessories can be sterilized (autoclave).

*Two signals (one audible and one visual) warn the user when the electrode is producing high frequency energy.

**Servotome,
definitely a cut above the rest!**

Technical specifications

Servotome is delivered with
 A light gray electrode holder (disconnects and autoclaves)
 + light gray silicone cord (disconnects)
 + box of 10 electrodes (autoclavable)
 + a capacitive coupler
 + user's manual.

Power supply: 230V - 50/60Hz (115V optional).
 Classification: I, type BF.
 Power: 50W / 375 Ω.
 Frequency: 1.8MHz ±0.7.
 Size: 250x240x110mm.
 Weight: 1.2kg.

Servotome is manufactured in compliance with standard IEC 601-1, IEC 601-2-2 and current EC regulations in force 93/42/EEC.

	SURGICAL APPLICATIONS (non-exhaustive list)	CHOICE OF ELECTRODE									
		I22S	I22CA	TR22T	TR22R	TR22L	I40S	I40CA	FC10N	FC25B	FC32B
DENTAL SURGERY	Abscess incision	•	•				•	•			
	Exposing an impacted tooth - Drainage incision	•	•				•	•			
	Mucous decapping - Cutting the pericoronal follicle	•	•				•	•	•	•	•
	Hemostasis						•	•			
DENTAL RESTORATION	Exposing a fractured root - Coronal elongation	•	•				•	•			
	Removal of hypertrophied gingiva			•	•	•	•	•			
	Widening the dental groove	•	•				•	•	•		
	Shaping the ridge of toothless gingiva			•			•	•			
ORTHODONTICS	Exposing an impacted tooth	•	•				•	•			
	Frenectomy	•	•	•			•	•			
	Removal of hypertrophied tissue	•	•	•	•	•	•	•	•		
PERIODONTAL SURGERY	Coronal elongation to fit a band	•	•				•	•			
	Tissue removal to prepare cavities for inlay prior to taking impressions						•	•	•		
PERIODONTICS	Frenectomy	•	•				•	•			
	Flap surgery	•	•				•	•			
	Gingivectomy - Gingivoplasty	•	•	•	•		•	•			

Servotome settings table

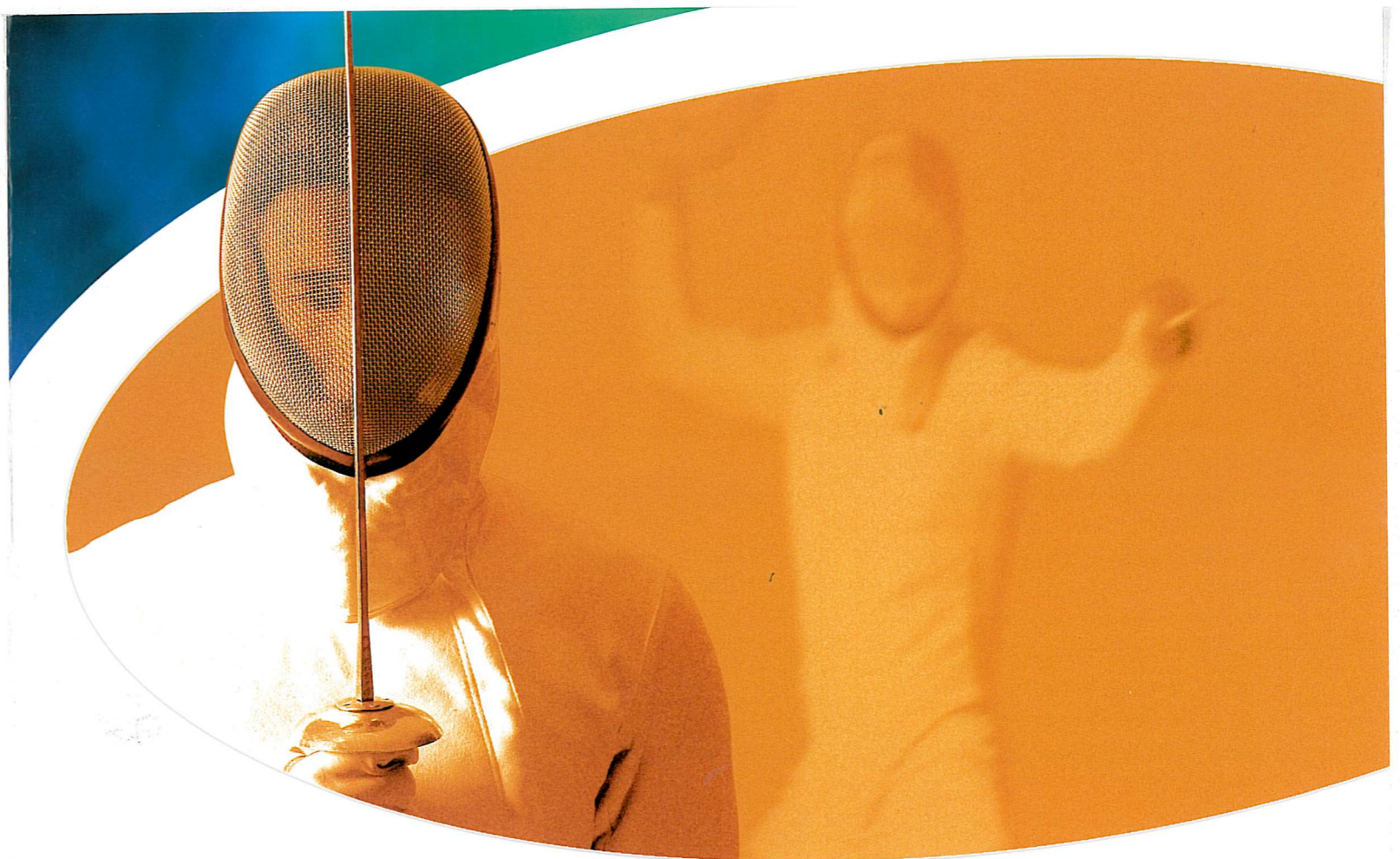
ELECTRODE	INCISION	MINIMUM TO MAXIMUM INCISION + COAGULATION						COAGULATION	FULGURATION
		▬▬ = 1	▬▬ = 2	▬▬ = 4	▬▬ = 6	▬▬ = 8	▬▬ = 10		
S I22CA	▬▬ = 3	▬▬ = 3/4	▬▬ = 3/4	▬▬ = 4/5	▬▬ = 5/6	▬▬ = 5/6			
2T TR22R TR22L	▬▬ = 4	▬▬ = 4/5	▬▬ = 4/5	▬▬ = 5	▬▬ = 5/6	▬▬ = 6			
S I40CA	▬▬ = 3/4	▬▬ = 3/4	▬▬ = 4	▬▬ = 4	▬▬ = 5/6	▬▬ = 5/6			
DN								▬▬ = 5/6	
5B FC32B							▬▬ = 5	▬▬ = 6/7	



Α.Ε.Β.Ε.
 ΙΑΤΡΙΑ
 ΝΟΕΜΒΡΙΟΥ 4
 ΕΛΙΣΣΙΑ - ΑΤΤΙΚΗΣ
 1974 - 8046.873
 87 - ΔΟΥ: ΦΑΒΕ ΑΘΗΝΩΝ



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Servotome®

A cut above the rest!

