



Implant Motors

SATELEC Quality for everyone



-SURGE +
Implantology • Motor



-SURGE
Implantology • Motor



HT-IMPLANT

i-SURGE +

Implantology • Motor

BORN TO BE DIFFERENT

A powerful unit with reliable electronic speed and torque control.

Excellent visibility:
large LCD screen

Extremely stable:
aluminum case



For I-Surge + and I-Surge

POWERFUL MOTOR

Smooth and stable motion

Motor speed range (without a
400 to 40 000 rpm

Motor speed range (with a
20 to 2 000 rpm

Motor torque with a 20:1 c
up to 72 Ncm

RELIABLE AND RES

- Guaranteed for more than
500 cycles in autoclave,
- High power in any surgical
- Good heat dissipation, high
- Aluminum male and female
with color code.

MAINTENANCE FRE

- No lubrication needed,
- Brushless.

HANDS FREE CONCEPT

Large progressive color coded footswitch
with a smooth variable motor control
up to the preselected maximum speed.



i-SURGE

Implantology • Motor

THINK BIG, GET A COMPACT

The most compact implantology motor on the market.

ge units
 R
 for a precise gesture.
 t contra-angle):
 20:1 contra-angle):
 ontra-angle:
 INSTANT
 al procedure,
 gh overload ability,
 ale connectors



Fits everywhere:
 a small unit
 including
 all major features
Convenient:
 easily transportable

EE



Sensitive and progressive
 multi-function footswitch.



HT-IMPLANT

SIMPLE AND RELIABLE

Extremely light with low vibration powerful brushless micro-motor.

Motor speed range (without contra-angle): 400 to 36 000 rpm
Motor speed range (with a 20:1 contra-angle): 20 to 1 800 rpm
Motor torque with a 20:1 contra-angle: up to 72 Ncm

Easy to use
Large and visible front panel

For sterile work, this micro-motor and cord should be inserted in sterile protection.



« Easy » progressive footswitch.

DISCOVER SATELEC® IMPLANT MOTORS

Reliable - Simple - Complete
Reaching high expectations

PUMP

- Easy irrigation line installation,
- Rigorously constant flow controlled by a microprocessor,
- “No-Drop” system, eliminates additional irrigation leakage when flow is stopped.



CALIBRATION SYSTEM

THE MOTOR AND CONTRA-ANGLE CAPABILITY

- Electronic calibration of the contra-angle. This function accurately measures the properties of the micromotor and contra-angle handpiece prior to use for exact values.

COMPATIBILITY

- Fits all contra-angles! All Satelec® motors have an E-type - ISO 3964 connection,
- 7 contra-angles ratios available (1:1, 16:1, 20:1, 24:1, 32:1, 64:1, 80:1).

CUSTOMIZABLE

- 5 programs can be easily saved,
- 3 different flow rates are offered.

USER-FRIENDLY UNITS

- Easy and fast access to all settings,
- Extremely easy to install, use and transport.

Technical specifications



i-SURGE + Implantology • Motor

Supply voltage110 V - 220 V - 50 Hz / 60 Hz
 Equipment classification Class I, BF type
 Dimensions (W x H x D and weight) 230 x 160 x 200 mm ; 3.5 kg
 Multi-function footswitch (W x H x D and weight) 230 x 210 x 200 ; 2.9 kg



i-SURGE Implantology • Motor

Supply voltage90 V - 240 V - 50 Hz / 60 Hz
 Equipment classification Class II, B type
 Dimensions (W x H x D and weight) 170 x 100 x 170 mm ; 1 kg
 Multi-function footswitch (W x H x D and weight) 185 x 180 x 155 ; 2.2 Kg



HT-IMPLANT

Supply voltage110 V - 220 V - 50 Hz / 60 Hz
 Equipment classification Class I, BF type
 Dimensions (W x H x D and weight) 240 x 100 x 210 mm ; 2.3 kg
 Footswitch (W x H x D and weight) 130 x 40 x 120 mm ; 900 g

These medical devices are manufactured according to current regulations and standards (IEC 60601-1) and according to certified EN ISO 13485 Quality Control System.

