

AUTOMATIC POWER CONTROL

XO Odontosurge is an electrosurgery system with automatic power control. You never have to worry about adjusting the power output. XO Odontosurge constantly regulates itself, by measuring the resistance in the tissue. You save your time and you can focus on what is important.



1 Warning: XO Odontosurge cannot be used near or on patients with implanted cardiac pacemaker. XO Odontosurge is a monopolar electrosurgical instrument. As such it is not recommended for surgical procedures in the proximity of metallic structures such as dental implants. Contact between an active XO Odontosurge electrode and an implant can result in a heat-induced injury to peri-implant bone, seriously and permanently damaging the osseointegration and leading to the loss of the implant.

CUT WITHOUT A PRESSURE

Thanks to automatic power control, the instrument easily glides through the tissue allowing you to maintain your tactile sense.

CLEAR WORK AREA

The optimal power output assures that you will not experience sparkling, snagging or burning a tissue and that your work area will be always clean.

DRY CONDITIONS

When cutting with XO Odontosurge your work area is dry and free from bleeding. This saves you a lot of time and allows for better composite restoration.



THE SAFEST
ELECTROSURGERY
INSTRUMENT AVAILABLE

When you cut deep into the tissue,
the power output automatically increases
to always match the level that you need.
If the instrument by accident gets near bone or tooth,
XO Odontosurge will instantly reduce the output power
to a minimum. You can rest at ease knowing that you avoid
bone or tooth necrosis and damage of the root surface.



STOP BLEEDING IMMEDIATELY
WITH A COAGULATION MODE



ALWAYS IN CONTROL

You activate the power with a switch on a handpiece.

You do not need to look away from your work area

and you can stop the operation immediately, any time you want it.



xo
ODONTOSURGE

COAG

CUT

COMFORT FOR YOUR PATIENTS

XO Odontosurge functions without a use of a neutral electrode. You avoid patient apprehension and unnecessary setup time.

SHORT HEALING TIME

Thanks to high operation frequency, the layer of necrotic tissue on the faces of an incision is very thin. This significantly reduces the scar tissue and quickens its regeneration.

Little or no bleeding appears.



EASY WORK AREA TARGETING

Choose between varieties of straight,

loop or coagulation electrodes for the most optimal results.

Electrodes can be reshaped to fit anatomical requirements of the treated area.



SPECIFICATIONS

Max output power	50W
Power control	Automatic power tuning system based on the concept of impedance matching. The system is in tune at a load impedance of 500 ohms, which is the natural impedance of the human body. No neutral electrode is necessary.
Work frequency	27MHz
Asepsis	Handpiece and cord, handpiece holder, instruments and instrument holder can be autoclaved at 135°C. Antibacterial powder coat of the control box.
Electrodes	Standard set of electrodes delivered with XO Odontosurge with both straight and loop shaped electrodes for facial and inter-oral surgery and ball electrodes for coagulation, selected by F. Brandt DDS. A variety of other electrodes available.
Operation	On/off control in handpiece. Stand by and choice between cut and coagulation via touch buttons on the control box. Indication of stand-by, cut or coagulation by LEDs on the control box.
Approvals	Tested and approved under EN 60601-1 (IEC 60601-1) and EN 60601-2-2 (IEC 60601-2-2).
Conformity	To the requirements of Council Directive 93/42/ECC. CE 0470.
Quality management	Developed, manufactured, sold and serviced according to ISO 9001 and ISO 13485.
Models	OSU430 XO Odontosurge, 230V OSU415 XO Odontosurge, 115V OSU400 XO Odontosurge, 100V
In the box	XO Odontosurge, Handpiece holder, Handpiece, Power supply cable, Handpiece hose, 2 fuses, User manual, Electrodes: 220101, 220104, 220110, 220111, 220113, 220114, 220115.