

MAXWELD

Technical excellence applied to the electric welding



CE 0051

INTRAORAL WELDING MACHINE

MEDICAL DEVICE



Medical Devices Dept.

Maxweld is a medical device developed and designed to weld dental implants directly into the patient's mouth and is an indispensable tool for all doctors implantologists who practice the technique of immediate load. It represents a quick and inexpensive solution to create innovative reconstructions of partial or full arches in a very short time. The systems are combined with titanium rods to their stumps through casting; in this way it creates a single global functionality structure capable of absorbing the stresses of immediate loading and subsequently of the superstructure. The primary stability is obtained that allows to avoid any micromotion (greater than 100 microns) of the transcortical implant neck, either monophasic or biphasic, so as not to trigger pre-implant resorptions.

Advantages

- Primary fixing and stability of implant with maximum security
- Early formation of a good marginal seal mucous pericervical essential for long-term success
- Immediate loading of implants with surgical procedure and delivery of the prosthesis the same day of surgery
- Parallelism of the pillars of the temporary facility
- No variation of the traditional implantology techniques
- Significant reduction in the risk of implant failure and reduced risk of fractures in temporary solutions thanks to the titanium structure



Pliers

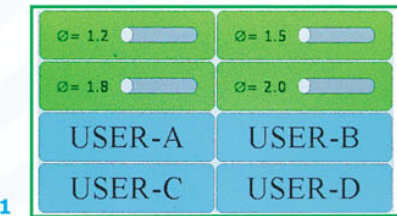
- Ergonomic with manual pressure
- Allows for welding even in places normally more difficult to reach
- Innovative **Palladium Tips**, precious material and completely non-toxic for maximum patient safety
- Rotating electrodes
- Fully sterilizable in autoclave
- Double push-button / pedal control

Technical features

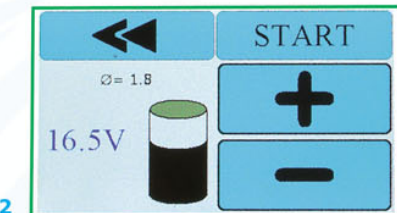
Weight	Kg. 11.5 including cables and pliers
Basis	Galvanized steel
Structure	abs
Custody	Portable polypropylene - 60x42x22 cm
Packaging	double-wall cardboard - 60x44x24 cm
Voltage	230v - 240 v
Frequency	50/60 Hz
Maximum power consumption	250 W
Type protection	B
Insulation class	I
Power cord	2 mt
Fuse	2 A
Electrical connector	Schuko plug

Functionality

- **Touch-screen display** easy and intuitive (1-2)
- 4 preset welding programs (GREEN)
- 4 free welding editables progrtLUE)
- Optimal welding of titanium bars on the market (mm.1.2/1.5/1.8/2)



1



2



Included

- 1 Operating unit
- 1 Pliers with cable
- 1 Pedal
- 1 Shockproof case
- 1 Electric cord



AZIENDA CON SISTEMA QUALITA' CERTIFICATO
UNI EN ISO 9001 & EN 13485



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