



## AUTOMATIC MULTIFUNCTION SMARTWELD WELDING UNIT INCORPORATED IN SUITCASE WITH BARCODE SCANNER

ITEM:	00SMARTWEDL – 00 SMARTWEDL /110
SIZE RANGE:	20 mm (½") ÷ 160 mm (6")
VOLTAGE:	230 V / 110 V
HERTZ:	50 Hz / 60 Hz
WORKING RENG:	up to 40 Amp peak
MAXIMUM ABSORBED POWER:	1600 VA
POWER CABLE:	4 m (13 ft)
WELDING CABLE:	4 m (13 ft)
DUTY CICLE 60%:	27 Amp
CASE DIMENSION (mm-inches):	510x410xH200 (20"x16"x7")
WEIGHT:	16 kg (35 lbs)
VOLUME:	0,0418 m <sup>3</sup> /pc (1.4762 ft <sup>3</sup> /pc)



### PRODUCT INFORMATION:

Welding units are manufactured in compliance with standard UNI 10566. They have been designed to weld all electrofusion fittings with 24-digit barcode system. Available on the market in conformity with Standard ISO 13950. The welding units can be operated in seven different languages (Italian, English, French, Spanish, German, Portuguese and Dutch). Also available in Russian.

Data can be entered automatically with the barcode scanner or manually by entering the welding data (time and voltage) of the fitting.

During the welding cycle, the large backlit display shows heating time, power consumption, voltage and energy used. The welding units have the capacity to store the parameters of 10.000 welding cycles on the external support.

THE SPECIFIC INTERNAL SOFTWARE ALLOWS USERS TO:

- download welding reports;
- record the traceability of the fitting;
- find the gps coordinates of the fitting;
- test the pressurized fluid distribution networks.



## PRODUCT FEATURES:

**TECHNICAL CHARACTERISTICS:** Conforms with CE requirements. Conforms with Standard UNI 10566 – MULTIFUNCTION type; • Barcode reader conforming with Standard ISO 13950 and manual setting of time and voltage; • Memory for 10.000 welding cycles; • 8 Memories with 500 parameters each for pressure tests; • Ambient temperature sensor; • Minimum power supply: 3 Kw; • Output voltage: from 5 to 48 V; • Connectors - 4 mm (art. 00S8305) with adaptors for 4,7mm (00S8203); • Degree of protection: IP 54; • Working temperature: from -18°C (-0° F) to + 55°C (125°F).

**BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT:** User's handbook on external support and quick guide on paper

• USB stick (4GB) for data download (welding report and pressure test); • Integrated shipping box; • Barcode scanner; • Adapters with 4,7 mm pins

**ADDITIONAL EQUIPMENT AND SPARES:** • 00SENS: Pressure test unit • 00BCSCAN: Barcode scanner.

## WELDING UNIT CHECK AND REPAIR:

The management software of electrofusion welding machines informs the installer of the need to check the welding machine every two years as required by the manufacturer.

Our customers shall proceed as follows to allow the company to manage the process of acceptance, two-year check and restitution of the welding machine and certificate so as to avoid unnecessary mishaps.

• Ship the welding machine using appropriate packaging (possibly its original case).

• Issue a return transport document (DDT) for "Maintenance." The returning warehouse should be a NUPI location.

In case of any doubts or questions, please refer to your local representative.

• Specify the welding unit model and serial number in the shipping document.

The welding machine will be returned together with the periodic check certificate.