

SMARTFLEX™



NEW MULTIFUNCTION WELDING UNIT

Incorporated in suitcase
with barcode hand scanner

BENEFITS:

- Incorporated in the **MOST INNOVATIVE WATERPROOF CASE.** The case is watertight, waterproof, sand proof, dust proof and able to withstand harsh environments and shocks. It is certified to withstand temperatures rating from -33 to + 90 C° and is in fact the ideal mean of transportation for sensitive devices.
- Completely automated - **BAR CODE SYSTEM THAT REDUCES HUMAN ERRORS**
- Ambient temperature measurement that ensures perfect weld regardless of temperature changes
- Welding voltage and resistance measurement 5-42V that protects operators working with the welding unit
- USB technology - the welding unit has a **USB PORT TO DOWNLOAD EASILY WELDING REPORTS AND PRESSURE TEST REPORTS**
- Available in 110V and 220V version
- **10,000 WELDS MEMORY** - to use for a very long time!
- 2 operational modes: welding and pressure testing – once connected with Pressure Test Unit it allows you to have full pressure test report

The welding unit, manufactured in compliance with UNI 10566 standard, has been designed for the welding of all electrofusion fittings utilizing the digit barcode system (according to ISO 13950).

The welding unit can be operated in seven different languages (Italian, English, French, Spanish, German, Portuguese and Dutch - also available in Russian).



TECHNICAL CHARACTERISTICS:

Conforms with CE requirements

Conforms with UNI 10566 - MULTIFUNCTION TYPE

Barcode reader conforming with ISO 13950

Illuminated display with 4 lines, 20 characters each

Memory for 10,000 welding cycles

8 Memories of 500 parameters each for pressure tests

Ambient temperature sensor

Power supply: 230V / 115V E 50Hz/60Hz

Maximum power: 1500 VA

Minimum power supply: 3 Kw

Output voltage: from 5 to 42 V

Power cable: L= 3.8 m (12 feet)

Welding cable: L= 4 m (13.1 feet)

Working range: Fittings from $\varnothing 16$ to 160mm ($\varnothing 1/2"$ to $\varnothing 6"$)

Connectors - 4 mm (0.16 in - item code 0058305)

Dimensions: 48,5x39,2xH 19,2 cm (20x16x8 in)

Weight: 16 kg (35 lb)

Degree of protection: IP 54

Working temperature: from 0 to 125 F (-18° to + 52°C)

BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT:

- User's handbook on hardware support and quick guide on paper
- USB key (4GB) for data download data (welding report and pressure test)
- Integrated shipping box
- Barcode scanner
- Adapters with $\varnothing 4,7$ mm pins

OPTIONAL EQUIPMENT:

- 005ENS: Pressure sensing unit for primary & secondary pipe testing

ITEM CODES:

SSEL8404LP/110

110V

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