COD. 12.19 SPP

POLYVALENT ELECTROFUSION UNIT EURO SP1 PLUS

The electrofusion welding unit model Euro SP1 plus is a polyvalent unit suitable for the welding of all electrofusion fittings up to diameter d. 630. It allows to operator to work at safety voltage lower than 50 Volt, is manufactured according to UNI 10566 and ISO 12176-2 standards, as well as provided with CE mark.

The heating power is **automatically** adjusted, reading of the barcode by means of a scanner or **manual** entering of the 24 digits shown under the barcode, or manually by setting of the welding voltage and time. Automatically (scanner or 24 digits) the heating power is adjusted by the ambient temperature. The welding unit moded Euro SP1 plus adopts the switching technology, which permits to be light and compact.

A display and the intuitive keyboard guide the operator during all operative phases of the programming, displaying the evolution of ambient temperature, the welding voltage and current, the cycle time, the progressive number of weldings and the possible error or malfunctioning messages.

When switching-on the supply voltate is measured and displayed for proper control.

The welding unit model Euro SP1 plus is enabled in the storing of the operator code, of the site location, of the welding data and hour and of the welding parameters.

The scanner is enabled for the reading of the raceability barcodes of fittings and pipes and allows the maximum operative ease in all site conditions.

The welding unit model Euro SP1 plus is supplied with USB connection port (pen drive is included) and serial port for the transfer of the welding data to the PC which afterwards can be used with DBManager Cloud for the management of the printing and storing operations.

The welding unit must be submitted to periodic overhaul (biennal) according to manufacturer and to standards UNI 10566 and ISO 12176-2.

CHARACTERISTICS

supply voltage	230V -20% / +15%
frequency	50/60 Hz
output voltage	8 ÷ 48 V
inrush current	110 Amp
output current at 80%	80 Amp
max power consumption	4500 W
operating temperature	-10 °C +45 °C
port connections	USB/host - serial RS/232
protection	IP 54
working range	20 ÷ 630 mm
working modes	barcode reading and manual setting
welding barcodes according to ISO 13950	welding - Interleaved 2.5/24 digit
traceability barcodes according to ISO 12176/3/4	operator - Interleaved 2.5/30 digit traceability - 128/26/40 digit
barcode reading system	scanner
manual system	setting: time and voltage or 24 digit barcode sequence
welding cycle capacity	n. 1600
connectors	4.0 mm
ancillary connectors	4.7 mm
dimensions LxPxH	32x26x38 cm
weight	17 kg
ancillary equipment on request	GPS carry wood box