ELECTROFUSION PROCESSORS: ELECKTRA 400 & ELECKTRA 800

Elektra is an electrofusion machine suitable for welding low voltage HDPE and PP couplings (from 8 to 48V) for high pressure conduits. The Elektra machine is made in accordance with the International standards and is compose of:

- Machine body surrounded by a tubular steel frame, thus creating a protective structure that gives to the welding design and functionality while also serving as transport handle and cable winding

- Large graphic display that stands out for the size and resolution of the icons, making them easy to read in the setting and welding stages

- Intuitive control panel that simplifies and speeds up the setting of the welder

- Universal connectors; no need of adapters

- GPS (on request) useful in jobsites where traceability is necessary a laser scan

- Barcode reading system that allows the automatic setting of the welding parameters.

- Two manual settings available: by setting the welding tension/time parameters, and by introducing the numerical code indicated under the bar code, in order to recognize automatically the welding parameters

- Internal memory of 4000 welds; the name of the operator among with the traditional welding data can be generated in PDF format. These reports can be downloaded to a PC through a USB port

- USB port allows updating the welder firmware, the reports download or a printer ESC-POS connection

STANDARD COMPOSITION
- Elektra 500
- Universal adapter Ø 4,0 - 4,7 mm
- Laser scanner
- Transport case
- Manual scraper

TECHNICAL FEATURES
ON REQUEST (ACCESSORIES)
- GPS
- Printer ESC-POS

Size	Part Number
ELEKTRA 500 (110V)	96906385
ELECTRA 1000 (230V)	96906400

	ELEKTRA 500	ELEKTRA 1000
Working Range	Up to 18" IPS	Up to 36" IPS
Welding output voltage	8 ÷ 48V	8 ÷ 48V
Single phase/power supply	120V - 50/60 Hz or 230V, 50/60 Hz	230V - 50/60 Hz
Maximum absorbed power	3100W (120V) or 3500W (230V)	3500W
Maximum output current	100A (120V) or 120A (230V)	120A
Operating Modes	Barcode/Manual (numerical code or tension/time)	Barcode/Manual (numerical code or tension/time)
Memory capacity	4000 reports	4000 reports
Protection Rating	IP 54	IP 54
Outside T° Range	-4 ÷ 122° F	-4 ÷ 122° F
Dimensions	10" x 10.6" x 15"	10" x 10.6" x 15"
Weight	39.5 lb	44.0 lb
Warranty	2 years	2 years

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