

# ELEKTRA 500 ELEKTRA 1000



watch the video

**ELEKTRA** is an high performance universal electrofusion machine, suitable for fusion HDPE, PP, PP-R couplings (from 8 to 48 V). It is available in two versions: **ELEKTRA 500**, **ELEKTRA 1000**, and is composed of:

- **machine body** surrounded by a tubular steel frame, thus creating a protective structure that gives to the fusion 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 scanner** - barcode reading system that allows the automatic setting of the welding parameters. There are nonetheless two manual settings available: by setting the fusion tension/time parameters, and by introducing the numerical code indicated under the bar code, in order to recognize automatically the fusion 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
- the **USB port** allows updating the welder firmware, the reports download or a printer ESC-POS connection

## STANDARD COMPOSITION

- Universal adapter Ø 4,0 - 4,7 mm
- Laser scanner
- Manual scraper
- Transport case

## ON REQUEST (ACCESSORIES)

- GPS (ELEKTRA 1000)
- Printer ESC-POS



Laser Scanner

## TECHNICAL FEATURES

	ELEKTRA 500		ELEKTRA 1000
Working range	up to 18" IPS (20 + 500 mm)		up to 63" IPS (20 + 1600* mm)
Welding output voltage	8 + 48 v		
Single phase power supply	120 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
Max. absorbed power <sup>(A)</sup>	3100 W	3500 W	3500 W
Max. output current	100 A	120 A	120 A
60% Duty Cycle output	70 A		90 A
Operating mode	Barcode/Manual (numerical code or tension/time)		
Connections	USB for external memory and printer ESC-POS		
Memory capacity	4000 reports		
Protection degree	IP 54		
T° reading probe precision	± 33° F		
Outside T° range	14° + 122° F		
Welding hose length	10 ft		
Dimensions	10" x 10,6" x 15" mm		
Dimensions transport case	16" x 11,4" x 19" mm		
Weight	39,5 lb		44 lb

\* Contact manufacturer for further information on electrofusion fittings above Ø 48" IPS (1200 mm)

<sup>(A)</sup> 60% Duty Cycle output



USB port



Graphic display



Universal adapter