



ELEKTRA

ELEKTRA

Elektra is an universal electrofusion machine, suitable for welding PE and PP couplings (from 8 to 48 V). It is available in three versions: **Elektra 400 Entry** (*), **Elektra 400**, **Elektra 800**. The Elektra machine is made in compliance with Italian and international standards, and is composed of:

- a versatile **machine body**, capable of adapting to different operational needs, inside and outside the trench; the control panel can be turned upward or be positioned horizontally to the ground
- **an optical pen - barcode reading system** (or optical scanner, upon request) that allows the automatic setting of the welding parameters. There are nonetheless two manual settings available: by setting the welding tension/time parameters, and by input the numerical code indicated under the bar code
- **an in built memory** with 4000 welding cycles, featuring the possibility of transferring data to a PC , to an external USB storage device, or to a serial printer RS-232
- **a large graphic display;**

The machine is supplied with a cable provided with Ø 4mm connectors, a set of Ø 4,7 mm adapters, a manual scraper and a transport case.

(*) **ELEKTRA 400 ENTRY** is the basic model of the Elektra product line. It features a bar code reading system with an optic pen which allows the machine to acquire the welding parameters automatically. Welding certification is printable through a RS232 serial port.



SUPPLIED WITH

- terminals Ø 4,0 mm, adapters Ø 4,7 mm
- transport case
- manual scraper

ON REQUEST (ACCESSORIES)

- transfer kit for transferring welding data from the welding machine to a portable serial printer (it includes serial printer and cable)
- connecting cable for welding machine/PC transfer
- data transfer software (Ritmo Transfer)
- optical scanner, for reading barcodes



Scanner and optical pen



USB storage device

TECHNICAL FEATURES

	ELEKTRA 400 ENTRY	ELEKTRA 400		ELEKTRA 800
Working range	20 ÷ 400 mm			20 ÷ 800 mm
Welding output voltage	8 ÷ 48 V			
Single phase power supply	230 V 50/60 Hz	110 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
Max. absorbed power	2700 W	2500 W	2700 W	3500 W
Max. output current	100 A			120 A
60% Duty Cycle output	70 A	65 A	70 A	90 A
Operating mode	Barcode/Manual (numerical code or tension/time)			
Connections	RS 232 serial printer	USB for external memory and RS 232 serial printer		
Memory capacity	-	4000 reports		
Protection degree	IP 54			
External T° reading probe precision	± 1° C			
Outside T° range	- 10 ÷ + 50° C			
Display	128 x 64 graphic backlit LCD			
Welding hose length	3 mt			
Connectors diameter	4,0 mm			
Adapters diameter	4,7 mm			
Dimensions	358 x 285 x 302 mm			
Weight	19,5 Kg			



Manual scraper



Adapter



Serial printer



Software Ritmo transfer



Transport case