

ELEKTRA LIGHT



The **ELEKTRA LIGHT** is a universal electro-welding machine, suitable for pressure piping systems and characterized by its low weight. This machine is designed to weld electrolasfittings with voltage 8-48V to 125mm* (230V) / 160mm* (110V).

The machine contains:

- A handy carrying bag
- A built-in memory of 325 welding reports. Possibility to download welding reports in PDF.
- An LCD screen with a handy control panel and up to 19 different languages
- 90° universal connectors of 4.0-4.7mm, no adapters needed
- Laser scanner (no marker), so that the barcode can be easily read in and the parameters are read automatically (according to ISO 13950). The scanner's laser technology improves reading quality in case of light reflection or severe contrasts. The parameters can also be set manually (Voltage/Time) or via the barcode number.
- Traceability ISO 12176-3 (operator) and ISO 12176-4 (fitting/tube)
- Manual scraper

TECHNICAL DATA

		ELEKTRA LIGHT
Range *		20 - 125/160 mm
Materials		HDPE, PP
Power supply		230 V Single Phase
Output voltage weld	V	8 - 48 V
Total power consumption **	W	1300 W
Recommended generator		3.5 / 4 kVA
Max. output current	A	60 A
60 % Duty cycle output ISO 12176-2	A	23 A
Noise level	lpa	< 70 dBA
Ambient temperature	°C	-10°C / 50°C
Ambient temperature accuracy	%	+/- 1%
Degree of protection		Ip54
Cable connectors		90° universal 4.00-4.7 mm
"Defender" protection against rain and dust		-
Manual scraper		Yes
Laser scanner barcode		Yes
Reading marker barcode		-
Manual input of voltage/time		Yes
Manual barcode entry		Yes
USB port		-
Memory		325
Report file format		PDF - BIN
GPS		-
Traceability ISO 121176-3 (operator)		-
Traceability ISO 121176-4 (fitting/tube)		-
Sound alarm		Yes
Error recognition		Yes
Languages		19
Dutch		Yes
Dimensions machine-base	L x W x H	200 x 250 x 210 mm
Case dimensions	L x W x H	-
Machine weight	Kg	-
Machine weight + cables	Kg	8kg
Suitcase weight	Kg	-
Total weight	Kg	8 kg

* range may be different depending on the fitting brand. Check with the manufacturer the power supply and welding time that is needed.

** at 60% duty cycle

MACHINES

96906063	ELEKTRA LIGHT - (230V - 1~)
96906096	ELEKTRA LIGHT - (230V - 1~) CE Plug
96906094	ELEKTRA LIGHT - (230V - 1~)- with adapter DB9M-USB

OPTIONS

58170020	Adapter DB9M-USB to download PDF file
58170100	Adapter DB9M/F 270° for Bar-Code Reader
88080010	Printer
81422030	USB Software RITMO Transfer

SPARE PARTS

58210050	Scanner Bar-Code Reader RS 232
81577307	Universal Adapter PIN 4-4.7mm