

ELEKTRA 315



The **ELEKTRA 315** is a universal electro-welding machine, suitable for pressure piping systems and characterized by its low weight. This machine is designed to weld electro-welding fittings with voltage 8-48V to 315 mm*.

The machine contains:

- A built-in memory of 500 welding reports. Possibility to download welding reports in PDF.
- An LCD screen with a handy control panel and up to 21 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
- Transport case

TECHNICAL DATA

		ELEKTRA 315
Range *		20 - 315 mm
Materials		HDPE, PP
Power supply		230 V Single Phase
Output voltage weld	V	8 - 48 V
Total power consumption **	W	2600 W
Recommended generator		5.5 / 6 kVA
Max. output current	A	100 A
60 % Duty cycle output ISO 12176-2	A	60 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		500
Report file format		PDF - BIN
GPS		-
Traceability ISO 121176-3 (operator)		-
Traceability ISO 121176-4 (fitting/tube)		Yes
Sound alarm		Yes
Error recognition		Yes
Languages		21
Dutch		Yes
Dimensions machine-base	L x W x H	263 x 240 x 300 mm
Case dimensions	L x W x H	405 x 285 x 340 mm
Machine weight	Kg	-
Machine weight + cables	Kg	17 kg
Suitcase weight	Kg	3.9 kg
Total weight	Kg	20.9 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

96906120	ELEKTRA 315 (230V - 1~)
96906126	ELEKTRA 315 (230V - 1~) with adapter DB9M-USB
96906122	ELEKTRA 315 (230V - 1~) Schuko Plug
96906125	ELEKTRA 315 - (230V - 1~) WELDING CABLE 4 M
96906129	ELEKTRA 315 with adapter DB9M-USB (230V - 1~) Schuko Plug

OPTIONS

58170020	Adapter DB9M-USB to download PDF file
88080010	Printer
81422030	USB Software RITMO Transfer

SPARE PARTS

65000110	Aluminum Transport Case
33152800	Protection Bag for Scanner
84306906	Scanner Bar Code Reader with Cover Bag
81577307	Universal Adapter PIN 4-4.7mm