



ELEKTRA-LIGHT

ELEKTRA LIGHT is an universal electrofusion machine, suitable for welding pipe/fittings for the transport of gas, water and for welding fire sprinkler system (HDPE, PP, PP-R couplings from 8 to 48 V). The Elektra Light machine is made in compliance with international standards. This is welding machine's structure is light weight, so it is extremely easy to carry around. Composed of: machine body, an in built memory with 325 welding cycles, featuring the possibility of transferring data to a Pc/Laptop, report in PDF file.

Why buy from UPG

- Technical assistance offered before sale and after sale
- Servicing of all machines done here in NZ by UPG. No requirements to send your machine offshore or deal with a subcontractor for repairs
- Common parts for repairs stocked in NZ for quick turnaround
- Extensive associated product range for all welding equipment

Technical Features

Model	ELEKTRA LIGHT
Working range *	20 ÷ 125/160 mm; ½" IPS ÷ 4"/6" IPS
Materials	HDPE, PP, PP-R
Power supply	110 V Single Phase 50/60 Hz 230 V Single Phase 50/60 Hz
Absorbed power **	1300 W
Max. output current	60 A
60% Duty Cycle output	23 A
Memory capacity	325 report
Protection degree	IP 54
Weight machine body	~ 7 Kg (15.4 lb)
Dimensions machine body	200 x 250 x 210 mm; 7.9" x 9.8" x 8.3
Languages	19
Suggested power generator for full welding range	3,5 ÷ 4 kVA

* Working range might vary according to fittings brand. Check with the fitting manufacturer the power and the welding time required.

** Power at 60% Duty Cycle



Standard Composition



90° Universal connectors



Laser Scanner



Manual scraper

Carrying case

On Request



Software Ritmo Transfer



Adapter DB9M-USB

ELEKTRA LINE - OVERVIEW

Working range *	20 ÷ 125/160*, ½" IPS ÷ 6" IPS*
Working range * 230 V	20 ÷ 125/160*, ½" IPS ÷ 6" IPS*
Automatic Temperature compensation	√
Constantly welding cycle monitored	√
Barcode scanner (ISO 13950)	√
Manual fusion input	√
Welding report	√
Connections	45 A
Operating mode	Adapter DB9M-USB
Report file format	PDF - BIN
Memory	325 cycles
Sound allarm	√
Error recognition	√
Fusion time	√
Cooling time	√
Connectors	90° universal adapters 4.00 - 4,7 mm
Outside Temperature range	-10° ÷ 50° C (14° ÷ 122° F)
Power supply (Vac)	110 V or 230 V
Frequency	50/60 Hz
Max output current	60 A
Welding output voltage ***	8 ÷ 48 V
Absorbed power **	1300 W **
Suggested power generator for full welding range	3,5 ÷ 4 kVA
Protection degree	IP 54
Electrical fuse protection	√
Display	Single line LCD
Machine body dimensions	200 x 250 x 210 mm, 7.9" x 9.8" x 8.3"
Carrying case dimensions	-
Weight machine + cables	~ 7 Kg (15.4 lb)
Weight carrying case	-
Traceability ISO	-



* Working range might vary according to fittings brand. Check with the fitting manufacturer the power and the welding time required.

** Power at 60% Duty Cycle

*** Elektra XL is available in two version: for couplings 8 ÷ 48 V and couplings 8 ÷ 80 V

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