ELECTROFUSION WELDING MACHINE

ELEKTRA LIGHT

Universal Electrofusion Welding Machine



Light-weight, easy-to-carry electrofusion machine for HDPE, PP and PP-R couplings, suited to gas, water and fire sprinkler system pipework, with in-built memory and PDF report transfer to PC/Laptop.

- Range 20–125/160mm
- Materials HDPE, PP, PP-R
- Output 8–48V
- Supply 230V
- Weight ~7kg
- Protection IP 54

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Global Water Group is an authorised Ritmo distributor for plastic welding equipment in Australia.

SECTION 01

Overview

ELEKTRA LIGHT is a universal electrofusion machine suitable for welding pipe and fittings for the transport of gas and water, and for welding fire sprinkler systems, with HDPE, PP and PP-R couplings from 8 to 48V. It is made in compliance with international standards, and its light-weight structure makes it extremely easy to carry around.

KEY FEATURES

- Light-weight structure, extremely easy to carry around
- Suitable for gas, water and fire sprinkler system pipework
- HDPE, PP and PP-R couplings, welding output 8–48V
- Made in compliance with international standards
- In-built memory of 325 welding cycles
- Welding reports saved as PDF file
- Data transfer to PC/Laptop via DB9M–USB adapter
- Control menu available in 19 languages

STANDARD COMPOSITION



90° Universal Connectors



Laser Scanner



Manual Scraper

ON REQUEST



DB9M–USB Adapter



Ritmo Transfer Software

SECTION 02

Technical Specifications

Model	**ELEKTRA LIGHT**
Working range *	20–125/160mm; ½″ IPS – 4″/6″ IPS
Materials	HDPE, PP, PP-R
Welding output voltage	8–48V
Power supply	230V Single Phase 50/60Hz
Absorbed power **	1300W
Max. output current	60A
60% Duty Cycle output	23A
Memory capacity	325 welding reports
Protection degree	IP 54
Languages	19
Dimensions, machine body	200 × 250 × 210mm; 7.9″ × 9.8″ × 8.3″
Weight, machine body	~7kg (15.4lb)
Recommended generator	3.5–4 kVA

* Working range might vary according to fittings brand. Check with the fitting manufacturer the power and welding time required. ** Power at 60% duty cycle.



SECTION 03

Electrofusion Accessories

Ritmo electrofusion — the complete system around your construction site.



Aligners

Up to Ø500mm



Pipe Scrapers

Up to Ø710mm



Shears

Up to Ø75mm



Pipe Cutter

Up to Ø315mm



Squeezers

Up to Ø200mm



Rerounders

Up to Ø800mm



Pipe Support

Up to Ø400mm



Bevelers

Up to Ø315mm

Talk to GWG about your welding equipment

Global Water Group is your trusted Ritmo distributor for PE welding solutions.