PE WELDING EQUIPMENT · ELECTROFUSION

Ritmo UNIVERSAL 315 V1 Electrofusion Machine

Electrofusion welding machine with graphic display, automatic fitting recognition and on-board weld report memory. Ø20** to Ø315 mm, ½" IPS to 10" DIPS.

Ø20** – Ø315 MM | 230 V · 2470 W | 350 WELD REPORTS | IP 54



FEATURES

- Graphic display
- Auto recognition of fittings
- Memory with 350 welding reports
- Report in PDF file
- Serial/USB connector (optional)
- Self-compensation of supplied current to ambient temperature
- Firmware upgradable via USB
- PP-R from Ø20 mm** with optional cable

STANDARD COMPOSITION

- Carrying suitcase
- Welding cables (A00, A00+, A01, A02, A04)
- Welding extension cable
- Manual scraper
- Shoulder belt

ON REQUEST

- Serial/USB adapter (welding data transfer)
- Welding cable (A05)
- Printer

WELDING CABLES

Cable	Range	Compatible fitting brands
STANDARD CABLES		
A00	Ø32 – Ø160 mm (1" IPS – 5" IPS)	Coes, Akatherm, Eurofusion, Geberit, Valsir, Wavin Vulcathene
A00+	Ø200 – Ø315 mm (6" DIPS – 10" DIPS)	Wavin (Waviduo)
A01	Ø200 – Ø315 mm (6" DIPS – 10" DIPS)	Akatherm, Valsir, Eurofusion
A02	Ø200 – Ø315 mm (6" DIPS – 10" DIPS)	Geberit
A04	Ø200 – Ø315 mm (6" DIPS – 10" DIPS)	Coes (Coestilen)
OPTIONAL CABLE		
A05	Ø20 – Ø63 mm (½" IPS – 2" IPS) PP-R	Coes (Coestherm — not 8 – 48 V)

TECHNICAL FEATURES

Parameter	Value
Working range	Ø20** – Ø315 mm · ½" IPS – 10" DIPS
Power supply	230 V single phase 50/60 Hz
Max. absorbed power	2470 W
Outside temperature range	-10 °C – 45 °C (14 °F – 113 °F)
Temperature compensation	Automatic, electronic
Protection degree	IP 54
Weight machine body	3.4 kg (7.5 lb)
Weight with carrying case	7.2 kg (15.9 lb)
Dimensions machine body	255 × 180 × 110 mm
Dimensions carrying case	220 × 450 × 180 mm

** Ø20 – Ø63 mm PP-R requires optional cable A05.



Supply and packaging

Supplied in an aluminium carrying suitcase with welding cables, extension cable, manual scraper and shoulder belt. Serial/USB adapter, A05 cable and printer available on request.

The information and photos in this publication are not binding and Ritmo S.p.A. is free to make any alterations without prior notice. Global Water Group — your trusted Ritmo distributor for PE welding solutions.

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