

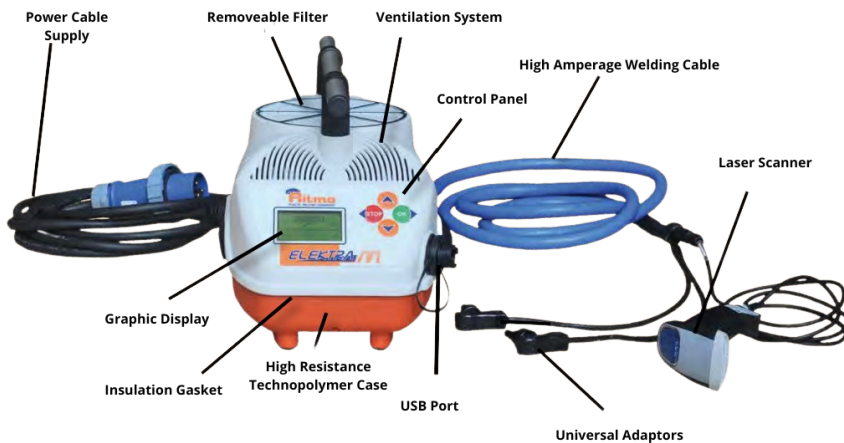
# TECHNICAL DATA | ELECTROFUSION MACHINES

## RITMO ELEKTRA M

Standards: ISO 12176-3 Operator Traceability  
ISO 12176-4 Fitting / Pipe Traceability  
ISO 13950 Scanner

Working Range: 20mm - 315mm

Materials: Technopolymer Shell



### Technical Features

### Description

Materials Suitable for Welding

PE, PP, PP-R

Working Range\*

20mm - 315 mm: 1/2" IPS - 12" DIPS (230 V)

Automatic ambient temperature compensation (through the reading of the EF fitting barcode)

Yes

Power Supply

230 V  $\pm$ 15% single phase 50/60 Hz

Total absorbed power (60% Duty Cycle output)

2300 W (230V)

Maximum Output Current

100 A - 230 V

Welding Voltage

8 - 48 V

Working temperature range

-20° - 50° C

Connectors

90° Universal adapters  
4 mm - 4.7 mm

**Note:**

Installation should always be performed by a licensed operator. It is the responsibility of the licensed installer to check that the pipe or fitting to be installed, is suitable for the system which it is being used on. Correct installation procedures should always be followed.

The drawings, materials and specifications outlined are subject to change without notice due to the continuous improvements and development of our product range.

**FUSION QLD PTY LTD**

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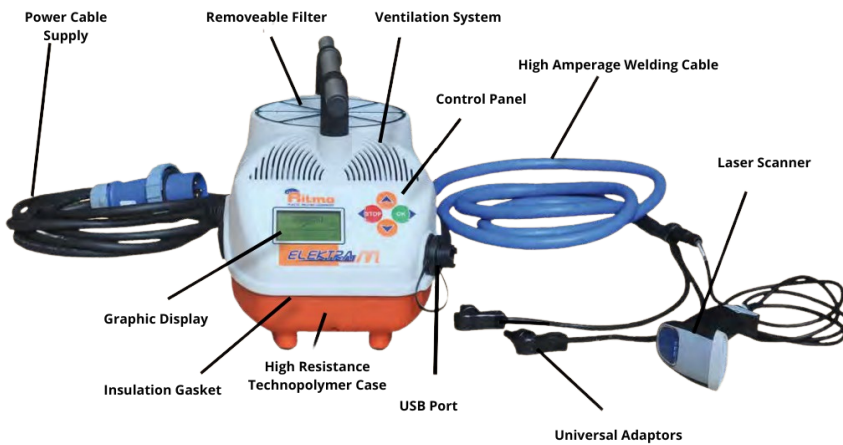
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Memory capacity	4000 Reports
Welding Report Format	PDF   BIN   CSV
Connection	USB Port Type A
Suggested Generator	5.5kVA - 6 kVA
Welding Cable Length	3.1m
Dimensions	246 x 390 x 240 mm
Dimensions Carry Case	290 x 445 x 295 mm
Weight	9.2kg

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

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