

FRIATOOLS® TECHNICAL EQUIPMENT

FRIAMAT®XL The extra powerful electrofusion unit for all dimensions



Technical data*	
Input voltage range	AC 400 V (3P+N+SL)
Frequency range	45 ... 66 Hz
Current consumption	AC 16 A max. / 3~
Output rating	approx. 4,6 kW
Fusion voltage	12 VDC up to max. 80 VDC
Generator (capacity rating)	AC 400 V / minimum 10 kW (at ≥ d 1000)
Unit fuse	20 A slow rating
Housing	Sprotection class IP54 / protection rating I
Connecting cable	4 m with CEE connector (400V / 16A)
Fusion cable	4 m with standard fusion connector Ø 4 mm (optional: Y adapter cable Ø 4 mm for FRIALEN XL KM-XL)
Main switch	yes
Operating temperature range	-20°C to +50°C
Fusion current monitoring	short circuit and open circuit
Interfaces	USB
Barcode scanner	yes
Manual emergency input	yes
Fusion pass	optional
Supervisor pass	optional
FRIATRACE	optional
FRIATEC memory-stick	yes
Documentation of fusion and traceability data	yes
Data output as PDF	yes
Data output to printer	yes
Recordable fusions in unit	500
Entry of GPS data	yes
Language versions**	more than 20
Dimensions B x T x H	274 x 593 x 446 mm
Weight	approx. 50 kg

* Technical changes reserved.

** Display and protocol language can be set independently for each other.

When fusing fittings of other manufacturers, you must observe the ratings, technical data, and information on the working temperature range!

Please find important information regarding application of our products on the last page.

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Application

The extra strong FRIAMAT XL is matched to the FRIALEN XL product range - but also universally applicable for the processing of the entire FRIALEN and FRIAFIT product range.

The crucial difference

Having the correct tools to perform installation on site makes all the difference. We see ourselves as specialists in the electrofusion of HDPE piping systems, so our development work has also included equipment and accessories for your needs from the very outset.

We know exactly what matters and what is needed in the field, and we can offer you a range of equipment tailored to the daily challenges.

Put your trust in tools that produce the perfect results.

Good reasons for the FRIAMAT XL:

- Large pipe electrofusion unit with traceability and documentation function
- With barcode scanner designed for rough use at construction sites
- Extra-long fusion and power cable
- High contrast maxi graphic display that remains perfectly legible even in poor light
- Easy to use documentations functions
- Large accessories bag on the rear