

### FRIAMAT BASIC ECO Universal electrofusion unit



High performance due to innovative toroidal transformer technology with flow-optimized, active cooling

High-resolution, extremely bright 4.3" TFT color display: The high-contrast graphic display remains legible even in the most unfavorable lighting conditions and from almost any position

Intuitive user guidance through clear menu structure. With error messages and acoustic signaling for status check of the user

Extra-long fusion cable (4m) and power cable (5m) for maximum freedom of movement on the construction site

With new, handy Mini-scanner or a proven reader wand

Robustly designed to suit tough conditions. The new housing geometry also allows a tilted position for easy operation

Continuous monitoring of the entire welding process and all device functions

With FRIAMAT preCHECK function: The most advanced way to fuse with foresight. The FRIAMAT automatically determines whether the next fusion can be performed completely to the end.

Technical details*	FRIAMAT BASIC ECO
Unit type	Universal fusion unit without documentation function
Model with mini scanner	Order no. 611120
Model with reader wand	Order no. 613120
Maximum diameter	up to d 1200**
Input voltage range	AC 190 V - 250 V
Frequency range	44 Hz ... 66 Hz
Input current	AC 16 A max.
Output	3,5 kW
Unit fuse	16 A slow acting
Fusion voltage	8 - 48 V
Output current	max. 110 A
Fusion current monitor	Short circuit and interruption
Barcode type	Code 2/5 interleaved
Documentation of fusion data	no
Manual barcode emergency entry	yes
FRIAMAT preCHECK function	yes
Remote Start-/Stop pass	optional (Order no. 624003)
Working temperature range	-20 °C ... +50 °C
Languages	23***
Connecting cable	5 m with shaped plug
Fusion cable	4 m with fitting connector, 4 mm diameter
Weight	approx. 18 kg
Measurements W x D x H	260 x 500 x 340 mm
Housing	IP 54 / Protection class I
Approval / Quality	CE, ISO 9001, WEEE-Reg.-No. DE 49130851, RoHS, REACH
Accessory	Operating manual, transport box

\* Specifications subject to change.

\*\* With FRIAMAT BASIC ECO the fusion of FRIALEN- and FRIAFIT-Safety fittings up to d 900 over the temperature range of -20°C up to +50°C is possible. The use for the processing of fittings from other manufacturers also up to d 1200 or eventually higher is basically possible. Please refer to the specific performance requirements of fittings from other manufacturers in consideration of the predominant processing temperature.

\*\*\* At market launch: GER, GB, FR, RUS, IT, ES, PL, SE, HU, CZ, NL. Other languages in implementation.

