

FRIAMAT 7 basic

Fusion unit without documentation function

Powerful universal fusion unit FRIAMAT 7 basic

- State-of-the-art converter technology with active cooling.
- Bright colour TFT display
- With mini scanner, reader wand or 1D/2D scanner (2D barcodes according to ISO 12176-5)
- Extra long fusion cable (4 m)
- Extra long power cable (5 m)
- Weight approx. 12.8 kg

Note:

Possibility of updating the FRIAMAT software via the USB interface by the user.



Reference	Design	BX	Weight kg
611130	With mini scanner	1	12,800
613130	With reader wand	1	12,800
614130	With 1D/2D scanner	1	12,800

Technical data 1)	FRIAMAT 7 basic
Type of device	Universal fusion unit without documentation function
Model with mini scanner	Order no. 611130
Model with reader wand	Order no. 613130
Model with 1D/2D scanner	Order no. 614130
Maximum diameter	Up to d 1200 2)
Input voltage section	AC 190 V – 250 V
Frequency range	44 Hz ... 66 Hz

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Current consumption	AC 16 A maximum
Power	3.5 kW
Unit fuse	16 A sluggish
Welding tension	8 – 48 V
Output current	maximum 110 A
Welding current monitoring	Short circuit and interruption
Barcode type	1D-Code 2/5 interleaved 2D-Code (QR; Aztec; Data Matrix) according to ISO 12176-5
Interface	USB
Documentation of fusion data	No
Documentation of traceability data	No
Data memory	-
Log format	-
Manual emergency barcode input	Yes
FRIAMAT preCHECK function	Yes
Software update via USB interface	Yes
Fusion-Pass	No
Supervisor-Pass	No
Start/stop pass for remote control	Optional (Order no. 624003)
Working temperature range	-20 °C ... +50 °C
Language variants	23
Connection cable	5 m with contour plug
Fusion cable	4 m with connection plug Ø 4 mm
Weight	approx. 12.8 kg
Dimensions W x D x H	260 x 500 x 340 mm
Casing	Protection category IP 54 / protection category I
Approval / quality	CE, ISO 9001, WEEE Reg. No. DE 49130851, RoHS
Accessories	Operating instructions, transport box

¹⁾ Subject to technical modifications.

²⁾ With FRIAMAT 7 basic, FRIALEN and FRIAFIT safety fittings up to d 900 can be fused in the entire working temperature range from -20 °C to +50 °C.

Utilising processing fittings from other manufacturers is possible even up to d 1200 and possibly larger. However, the specific power requirement of the fitting at the prevailing processing temperature must always be clarified beforehand with the fitting manufacturer.

FRIAMAT 7 basic

Fusion unit without documentation function

- Powerful electrofusion unit with state-of-the-art converter technology and flow-optimized, active cooling.
- High-resolution, extremely bright 4.3 "TFT color display.
- With mini-scanner, reader wand or new 1D/2D scanner for reading 2D barcodes according to ISO 12176-5, Adapter bag, language selection, adjustable buzzer volume, manual emergency entry. Extra-long power cable (4 m) and extra-long fusion cable (5 m). Weight approx 12,8 kg.
- Continuous monitoring of the entire fusion 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.
- The user himself can install software updates via USB interface.