

FRIAMAT prime eco

Μηχανή ηλεκτροσυγκόλλησης με δυνατότητα εκτύπωσης αναφορών, και bluetooth

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

High-resolution, extremely bright 4.3 "TFT color display. Bluetooth interface. Documentation of fusion and traceability data. Memory space for up to 20,000 fusion logs. CSV or PDF file or FRIATRACE format output to standard USB stick.

With reader wand or mini-scanner, 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 18,0 kg.

Integrated Bluetooth function for communication with the FRIAMAT APP.

The tool is delivered in a transport box.



Universal electrofusion unit with documentation function and bluetooth interface

Κωδικός προϊόντος	Design	BX	Weight kg
611124	with mini scanner	1	18,000
613124	with reader wand	1	18,000
614124	-	1	18,000

<TEXT><P>Technical details*</P></TEXT><TEXT><P>FRIAMAT prime eco</P></TEXT>

<TEXT><P>Type</P></TEXT><TEXT><P>Universal electrofusion unit with traceability and documentation function and Bluetooth® interface</P></TEXT>

<TEXT><P>Model with mini scanner</P></TEXT><TEXT><P>Order no. 611124</P></TEXT>

<TEXT><P>Model with reader wand</P></TEXT><TEXT><P>Order no. 613124</P></TEXT>

<TEXT><P>Maximum diameter</P></TEXT><TEXT><P>up to about d 1200***</P></TEXT>

<TEXT><P>Input voltage range</P></TEXT><TEXT><P>AC 190 V – 250 V</P></TEXT>

<TEXT><P>Frequency range</P></TEXT><TEXT><P>44 Hz ... 66 Hz</P></TEXT>

<TEXT><P>Input current</P></TEXT><TEXT><P>AC 16 A max.</P></TEXT>

<TEXT><P>Output</P></TEXT><TEXT><P>3,5 kW</P></TEXT>

<TEXT><P>Unit fuse</P></TEXT><TEXT><P>16 A slow acting</P></TEXT>

<TEXT><P>Fusion voltage</P></TEXT><TEXT><P>8 – 48 V</P></TEXT>

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Output current
 max. 110 A
 Fusion current monitor
 Short circuit and interruption
 Barcode
 Code 2/5 interleaved, Code 128
 Documentation of fusion data
 Yes
 Documentation of traceability data
 Yes
 Operator pass
 optional (Order no. 623100)
 Internal protocol memory
 20.000 protocols
 Protocol format
 PDF / CSV / FRIATRACE
 Data transfer interface
 USB / Bluetooth®
 Manual barcode emergency entry
 Yes
 FRIAMAT preCheck
 Yes
 Working temperature range
 -20 °C ... +50 °C
 Languages
 23
 Power cable
 5 m with shaped plug
 Fusion cable
 4 m with fitting connector, 4 mm diameter
 Weight
 approx. 18 kg
 Dimensions
 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 PRINT 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 ist 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.

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Μηχανή ηλεκτροσυγκόλλησης με δυνατότητα εκτύπωσης αναφορών, και **bluetooth**

Good reason for the Universal fusion unit with easy documentation function:

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.