

# 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 | PU | Weight kg |
|-------------------|-------------------|----|----|-----------|
| 611124            | with mini scanner | 1  | 4  | 19,900    |
| 613124            | with reader wand  | 1  | 4  | 19,900    |
| 614124            | -                 | 1  | 4  | 19,900    |

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

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.

## FRIAMAT prime eco

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.