

FRIAMAT basic eco

Μηχανή ηλεκτροσυγκόλλησης γενικής χρήσης χωρίς την δυνατότητα εκτύπωσης αναφορών

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

High-resolution, extremely bright 4.3" TFT color display.

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.

The tool is delivered in a transport box.



Universal fusion unit without documentation function

Κωδικός προϊόντος	Design	BX	Weight kg
611120	with mini scanner	1	18,000
613120	with reader wand	1	18,000
614120	-	1	18,000

Technical details*
 Unit type
 Universal fusion unit without dokumentation 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

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<TEXT><P>Documentation of fusion data</P></TEXT><TEXT><P>no</P></TEXT>
<TEXT><P>Manual barcode emergency entry</P></TEXT><TEXT><P>yes</P></TEXT>
<TEXT><P>FRIAMAT preCHECK function</P></TEXT><TEXT><P>yes</P></TEXT>
<TEXT><P>Remote Start-/Stop pass</P></TEXT><TEXT><P>optional (order no. 624003)</P></TEXT>
<TEXT><P>Working temperature range</P></TEXT><TEXT><P>-20°C ... +50° C</P></TEXT>
<TEXT><P>Languages</P></TEXT><TEXT><P>23***</P></TEXT>
<TEXT><P>Connecting cable</P></TEXT><TEXT><P>5 m with shaped plug</P></TEXT>
<TEXT><P>Fusion cable</P></TEXT><TEXT><P>4 m with fitting connector, 4 mm diameter</P></TEXT>
<TEXT><P>Weight</P></TEXT><TEXT><P>approx. 18 kg</P></TEXT>
<TEXT><P>Measurements W x D x H</P></TEXT><TEXT><P>260 x 500 x 340 mm</P></TEXT>
<TEXT><P>Housing</P></TEXT><TEXT><P>IP 54 / Protection class I</P></TEXT>
<TEXT><P>Approval / Quality</P></TEXT><TEXT><P>CE, ISO 9001, WEEE-Reg.-No. DE 49130851, RoHS, REACH</P></TEXT>
<TEXT><P>Accessory</P></TEXT><TEXT><P>Operating manual, transport box</P></TEXT>

* 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 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 γενικής χρήσης χωρίς την δυνατότητα εκτύπωσης αναφορών

Good reasons for the universal fusion unit without documentation:

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.