

# The new FRIAMAT prime eco

## Connecting pipes smarter

The new FRIAMAT prime eco with traceability, documentation, and Bluetooth® interface. Toroidal transformer technology with active cooling for reduced process times. High efficiency in continuous operation and when large fittings are processed.

Contact Vinidex Customer Service for further information or trouble shooting.

### 01 Scanner

With new, handy mini-scanner. Proven reader wand option also available.

### 02 Cable

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

### 03 Controlling via APP

Controlling the FRIAMAT with the FRIAMAT APP. Read out fusion protocols and send them by email. Easily capture and assign site photos, comments and GPS data.

### 04 Color display

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.

### 05 Operating element

Intuitive user guidance through clear menu structure. Permanent display of environmental information for status control for the user.

### 06 Documentation

Documentation of fusion and traceability data. Memory space for up to 20,000 fusion logs. Output as CSV or PDF file or in FRIATRACE format via commercially available USB stick. **New: Charging of Smartphone via USB interface!**

### 07 Design

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



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## Equipment features

Technical details*	FRIAMAT prime eco
Type	Universal electrofusion unit with traceability and documentation function and Bluetooth® interface
Model with mini scanner	Order no. 611124
Model with reader wand	Order no. 613124 & 613124
Maximum diameter	up to about 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	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

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