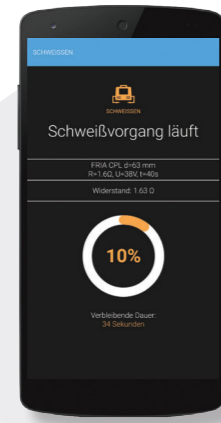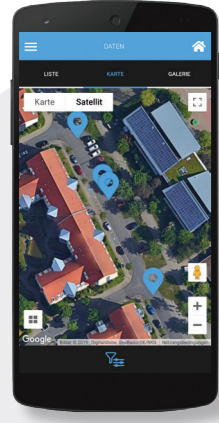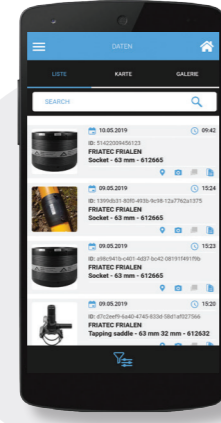# FRIAMAT App
Simple and convenient

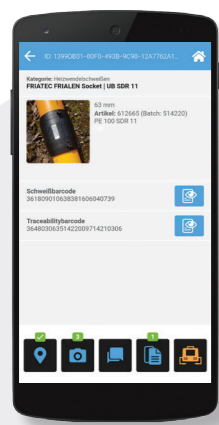**Simplified fusion process through intuitive input**
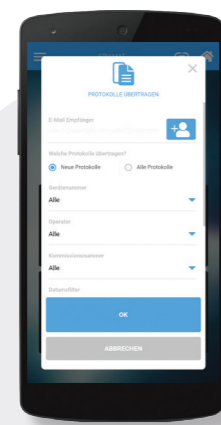
All fusion information always at a glance

Clear display of work progress

Product lists with extended information overview

Detailed information on all products including images, geo data and comments

Direct dispatch of all or selected work records to one or more recipients at the same time

FRIAMAT prime eco
Equipment features

Technical details [1]	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
Model with 1D/2D scanner	Order no. 614124 [4]
Maximum diameter	up to about d 1200 [3]
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 2D code (QR; Aztec; Data Matrix) according to ISO 12176-5 (draft) [1]
Documentation of fusion data	Yes
Documentation of traceability data	Yes
Operator pass	optional (Order no. 623100)

Technical details [1]	FRIAMAT prime eco
Internal protocol memory	20.000 protocols
Protocol format	PDF / CSV / FRIATRACE
Data transfer interface	USB / Bluetooth® [2]
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, transportbox

1 Specifications subject to change.
2 Not available in all countries.
3 With FRIAMAT prime 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. Processing of fittings from other manufacturers up to d 1200 or eventually higher is basically possible. Please refer to the specific performance requirements of fittings from other manufacturers in consideration of the predominant processing temperature.
4 Available end Q2/2021

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Connecting pipes smarter

FRIAMAT prime eco –
with traceability and documentation
and Bluetooth® interface

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FRIAMAT prime eco
Connecting pipes smarter

**Toroidal transformer technology with active cooling for reduced process times.
High efficiency in continuous operation and when large fittings are processed.**

Experience Technology Innovation

01 Scanner
With mini-scanner, reader wand or new 1D/2D scanner (available end Q2/2021) and thus prepared for reading 2D barcodes according to ISO 12176-5 (draft).

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 Software-Updates
Software updates can be installed by the user via USB interface.

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

09 Fusion
Comfortable operation of the FRIAMAT during the fusion process.

10 Overview
Filter and search functions for optimized display. Add additional information such as geo data, photos and comments quickly and easily.

11 Barcode
Read barcodes and display all relevant data simply and clearly.

12 Sending
Easily send selected work results by email and document them comprehensively.

FRIAMAT App
We make your job easier

With the FRIAMAT App you have everything under control at any time, online and offline, without registration!