



Always the right decision:

FRIAMAT[®] **fusion units**

Strong types for any need



SIMPLE, STRONG, SAFE:

FRIAMAT® basic



FRIAMAT basic

As all other FRIAMAT fusion units, the FRIAMAT basic offers a perfect combination of high performance and easy and safe handling. This is supplemented by the unique features of the FRIAMAT series:

- Fusion of d 20 to d 800
- Extra-long fusion and mains cable
- Easy cable rewind
- Robust design made of weather- and wear-resistant materials
- Large accessories tray
- 20 languages selectable

The FRIAMAT basic is an absolute lightweight among the fusion units and thus makes working at the construction site easy.

FRIAMAT basic eco

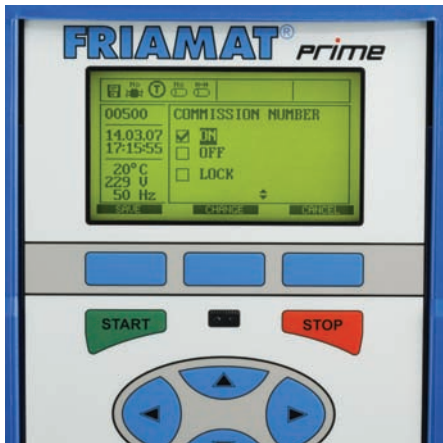
The FRIAMAT basic eco is the economically priced alternative to the FRIAMAT basic. And, of course, all in FRIATEC quality. It offers the same technical features and the same operating elements, is, however, heavier.

eco



MORE THAN "MERELY" FUSION:

FRIAMAT[®] prime



FRIAMAT prime

The FRIAMAT prime is literally the prime unit among the fusion units. Its large display and its clear operating menu simplify the handling and prevent operating errors. The unit also offers options for a comprehensive documentation of fusion and traceability data.

- Including the FRIATEC Memory-Stick (USB) for easy data transfer
- Large graphical display for comfortable user guidance
- Supervisor pass for individual unit settings
- Input of GPS coordinates
- Input of information texts through barcode
- Infrared remote control as optional input device
- Up to 500 fusion processes can be directly stored
- Optional increase of the memory capacity through Memory-Card

FRIAMAT prime eco



The FRIAMAT prime eco is heavier than the FRIAMAT prime, but also

offers all main options to document the fusion and traceability data. Where maximum operating comfort

is not required, the FRIAMAT prime eco offers a low-cost alternative.

DATA PROCESSING MADE EASY:

ACCESSORIES

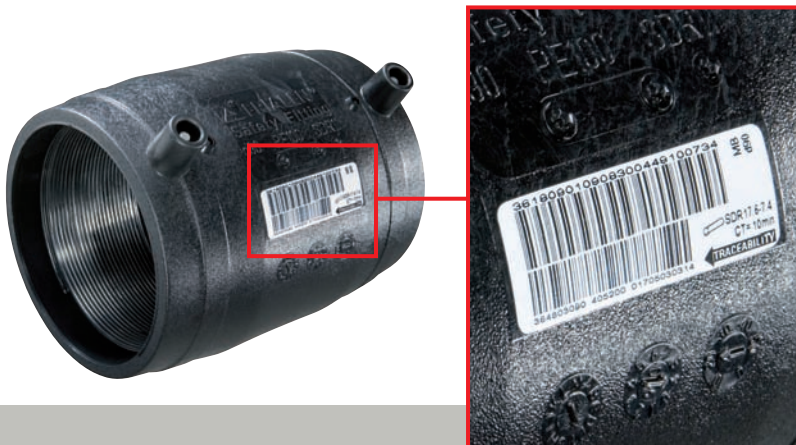
Easy data transfer

The FRIAMAT prime and the FRIAMAT prime eco are equipped with a sophisticated USB interface and thus are equipped for today's common data transfer. The FRIATEC Memory-Stick is your little helper for the pocket with which fusion and traceability data can be easily transferred from your FRIAMAT to your PC. The data are transferred to your PC via the operator guidance of our database software FRIATRACE and is foolproof.



Database software FRIATRACE

The software FRIATRACE, which was specifically developed for the management and processing of fusion and traceability data, facilitates a complete documentation as well as a quick traceability of component parts. An especially interesting feature is the linking of the information generated during fusion with GPS data as a preparation for a complete GIS system.



TRACEABILITY

By reading the traceability barcode on each FRIALEN fitting, the “birth dates” of the component parts are documented in the FRIAMAT and can be easily managed using the database software FRIATRACE.

ALL UNITS AT A GLANCE:

Technical data*	FRIAMAT® prime	FRIAMAT® prime eco	FRIAMAT® basic	FRIAMAT® basic eco
Input voltage range	190...250Vac	190...250Vac	190...250Vac	190...250Vac
Frequency range	44...66 Hz	45...66 Hz	44...66 Hz	45...66 Hz
Current consumption	Max. 16A ac	max. 16A ac	max. 16A ac	max. 16A ac
Power	3.5kW	3.5kW	3.5kW	3.5kW
Fuse	16A slow (external)	20A slow (internal)	16A slow (external)	20A slow (internal)
Housing	Type of protection IP 54 Protection class II	Type of protection IP 54 Protection class II	Type of protection IP 54 Protection class II	Type of protection IP 54 Protection class II
Main switch	Yes	Yes	Yes	Yes
Mains cable	5 m with two-pole plug	5 m with two-pole plug	5 m with two-pole plug	5 m with two-pole plug
Fusion cable	4 m	4 m	4 m	4 m
Weight**	13 kg	20 kg	13 kg	20 kg
Barcode type	Code 2/5 (interleaved) Code 128	Code 2/5 (interleaved) Code 128	Code 2/5 (interleaved)	Code 2/5 (interleaved)
Working temperature range***	-20 °C to +50 °C	-20 °C to +50 °C	-20 °C to +50 °C	-20 °C to +50 °C
Fusion current monitoring	Short-circuit and interruption	Short-circuit and interruption	Short-circuit and interruption	Short-circuit and interruption
Communication interfaces	USB Parallel Memory-Card slot (PCMCIA standard)	USB	No	No
Service interface	Serial	Serial	Serial	Serial
Large display	Yes	No	No	No
Connectors 4.0 mm	Yes	Yes	Yes	Yes
Manual emergency programming	Yes	Yes	Yes	Yes
Remote start pass	Optional	Optional	Optional	Optional
Infrared remote control	Optional	No	No	No
Fusion pass	Optional	Optional	No	No
Supervisor pass	Yes	No	No	No
FRIATRACE	Optional	Optional	No	No
FRIATEC Memory-Stick	Yes	Yes	No	No
FRIATEC Memory-Card	Optional	No	No	No
Documentation of fusion and traceability data	Yes	Yes	No	No
Recordable fusion in unit	500	500	No	No
Data storage by Memory-Card	Yes, more than 60,000 data records	No	No	No
Languages	20	20	20	20
Quality class proof	CE mark	CE mark	CE mark	CE mark
Transport box	Yes	Yes	Yes	Yes

*: Technical changes reserved

** : Incl. extra-long fusion and mains cable

***: For fusion of fittings of other manufacturers, please absolutely observe the information about the working temperature range!

**WE ARE ALWAYS
HERE TO HELP YOU:**

OUR SERVICE



FRIAMAT Hotline

Our service hotline **+49 (0) 621 486-1533** is your direct connection to our comprehensive service for FRIAMAT and all FRIATOOLS products. Our hotline coordinates our services centrally, meeting your individual requirements. You may benefit a.o. from our mobile service, collection and delivery service, authorised service stations, replacement part service, 24-hour service, and our rental equipment service.



FRIATOOLS Workshops

Our practice-orientated workshops on “equipment technology” and “FRIATRACE database software” offer numerous valuable hints and tips on increasing the efficiency in daily work. The theoretical content of the workshops are linked with examples from daily practice in a pleasant atmosphere. Please request our detailed workshop brochure or visit our website on the Internet for further details: **www.friatools.com**

FRIAMAT®

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