

PRODUCT RANGE OVERVIEW



FRIAMAT 6 110V

Fit for all challenges

 aliaxis

Your hero for challenging conditions:

FRIAMAT 6 110V

Our FRIAMAT 6 electrofusion unit is now available in 110V. With features and functionality that provide simplicity and functionality all at the same time.

Light-weight, easy and simple to operate, the unit captures all the essential documentation evidence on site and comes with the following benefits:-

- **Flow-optimised active cooling**
- **Robust housing**
- **A high-quality graphic display**
- **Intuitive user interface**
- **Bluetooth enabled**

The bluetooth interface, in conjunction with the WorkFlow app solution enables the easy capture of documentation and extending traceability – all at your fingertips and in real time.

With the optional 1D/2D scanner, the FRIAMAT 6 electrofusion unit is also ready to read and process 1D/2D barcodes according to ISO 12176-5. This enables you to capture all the information required for electrofusion including traceability data and extended product information with just one scan.

The easy way to work on site

Our electrofusion unit adapts to the user, not the other way round. We've developed it in such a way that it is convenient and flexible to use on site. The compact and robust design also makes it easier to move around too. Thanks to the ergonomic handle, the electrofusion unit can be carried comfortably and it works on uneven surfaces too.

Even in extreme weather conditions the high-contrast TFT display is easy to read in both bright sunshine as well as on dark or rainy days.

Documentation made easy

With FRIAMAT 6 you can document all relevant information quickly and easily, providing full documentation and traceability according to ISO 12176 and ASTM F2897. In addition to electrofusion, the unit offers traceability of GPS data as well as additional data on site which can also be recorded and stored at the same time.

You can enter data using the proven mini-scanner or manually via a virtual keyboard. With the new, optional 1D/2D barcode scanner, the FRIAMAT is also ready to read 1D/2D barcodes according to ISO 12176-5.

With just one scan per fusion cycle, you can capture all the information required including traceability data and extended product information.

And it gets even easier: Using the bluetooth interface you can pair the FRIAMAT 6 electrofusion unit with the WorkFlow app allowing you to use your smartphone camera to scan the barcodes.



Advantages at a glance:

Reduced downtime the flow-optimisation and active cooling reduces the amount of down time increasing efficiency for continuous use, particularly useful for welding large diameter fittings.

Ease of use through an intuitive display and clear menu structure.

Easy to read in all weather conditions. The TFT display is readable even in the most unfavourable lighting conditions.

Safe use and process control by displaying all process data at all times.

Pre-check function – the intelligent pre-check process allows for the measurement of the correct temperature to be recorded prior to the fusion. This process ensures accurate temperature measurement is recorded before the fusion and reduces the risk of fusion failure minimising the loss of damaged fittings and associated downtime.

Easy to handle and use thanks to the light-weight unit, comfortable handle, 5m long cable and ease of portability.

Works on uneven surfaces – even works in a tilted position or on a sloping embankment.

Accreditations and compliance: advanced data processing according to ISO 12176 thanks to the bluetooth interface and connection to the WorkFlow app. It is also in general compliance with the GIS/ECE1:2017 standard.

Dedicated service centres providing full maintenance, repair and spare part availability to ensure longevity and reliability for years to come.



Cold conditions. No problem.

Developed for use in extreme temperatures even working in minus 20 degrees Celsius.



Staying cool. Even in extreme heat.

Works reliably and precisely at temperatures up to 50 degrees Celsius.



Be prepared. Even for rainy days.

Accredited to IP54 for dust and water ingress making every electrofusion process safe regardless of weather conditions.



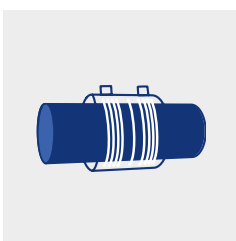
Bright light. No longer a challenge.

The high-contrast 4.3" TFT colour display provides a reliable view and guarantees legibility.

Simple. Robust. Digitised.

It has never been easier to collect and document the data as part of the fusion process.

By using the bluetooth interface you can quickly and easily pair the FRIAMAT 6 110V electrofusion unit with the WorkFlow app on your smartphone. Simply scan the fusion and traceability barcodes to control the fusion process easily and conveniently.



Powerful and economical in use

- Toroidal technology with flow-optimised active cooling which reduces downtime and process times.
- Longer cables allow for increased mobility on site.
- Long-term usability through coordinated equipment service and spare parts availability.
- Software updates via the USB port.
- Transportation box included.



Easy documentation and data management

- Recording and documentation of electrofusion and traceability data according to ISO 12176 and ASTM F2897 as well as extended installation information, such as order number and welder.
- Up to 20,000 electrofusion logs can be stored in the unit.
- Output as PDF, CSV or JSON format via standard USB stick.
- Bluetooth interface for connection to the WorkFlow App.
- Optional 1D and 2D scanner and thus ready for processing 1D and 2D barcodes according to ISO 12176-5.



Simple and comfortable to use

- High-resolution, extremely bright 4.3" TFT colour display guarantees legibility.
- Intuitive user interface with clear menu structure.
- With FRIAMAT 6 pre-check function: the electrofusion unit determines automatically whether the next fusion weld can be performed.
- Works on uneven surfaces.
- User and supervisor functionality logins. Allowing for review of electrofusion installation and individualisation of device functions.



WorkFlow Basic

With WorkFlow Basic, you can transfer your fusion protocol to your computer with just a few clicks – quickly and easily via e-mail.

For each component, a PDF and CSV report with all electrofusion data is generated, which you can enhance with up to four photos of the fusion. WorkFlow Basic is available free of charge anywhere in the world or you can upgrade to the WorkFlow Pro app which is available to buy in many countries.

Download the free app now!



Welcome to an exciting new chapter with WorkFlow Basic.

Easy in-app registration

Simply provide your name, e-mail address, country and a password

Start immediately

Pair your FRIAMAT 6 electrofusion unit and start straight away

Advanced electrofusion documentation

Add pictures and location

Tracking of all work steps

Step-by-step, down to the last detail

Secure data transmission

Encrypted using SSL protocol

Send protocols via mail

Share protocols on email as .pdf and .csv

WorkFlow Pro

WorkFlow Pro ensures safety and control in urban and city construction projects by comprehensively tracking all work steps, eliminating the need for time-consuming follow-up queries. The digital assistant helps reduce errors by providing a reliable overview, tailored exactly to your needs.

Traceability of all work activities

Step-by-step and down to the last detail and for all components – independent of manufacturer

Making on-site assembly easier

Saves time and money

Greater transparency

Thanks to digital protocols and real-time access to data

Automated protocol generation

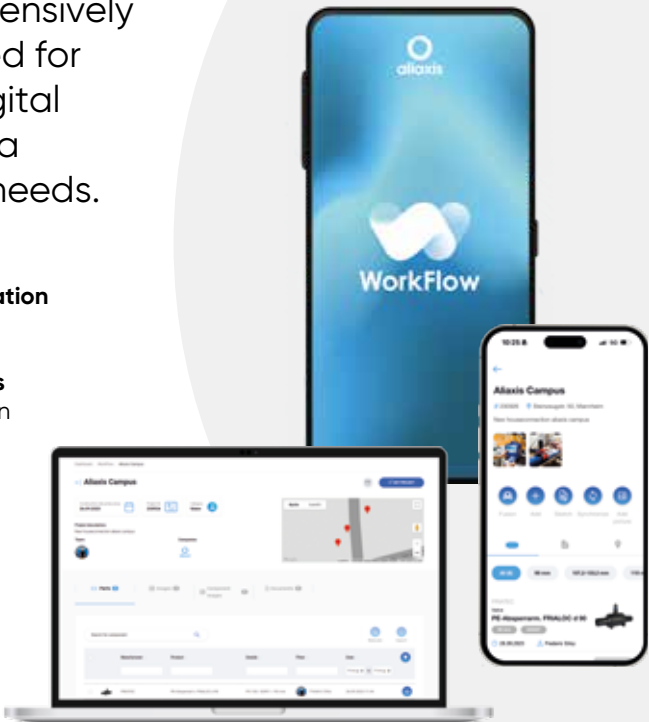
For less administrative work

Significantly minimised risks

Due to fewer documentation errors

Secure data transmission

Using SSL encryption



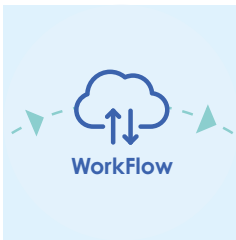
Everything in sight and under control

A separate report for each electrofusion process in the pipeline network is available. Each with its own electrofusion protocol, distributing documents, photos and location along with information on components and map views can be accessed.



Electrofusion

Scrape, clean, install the component, scan the barcode, fuse – so far the same. With WorkFlow Mobile support, additional information such as location and installation photos are added.



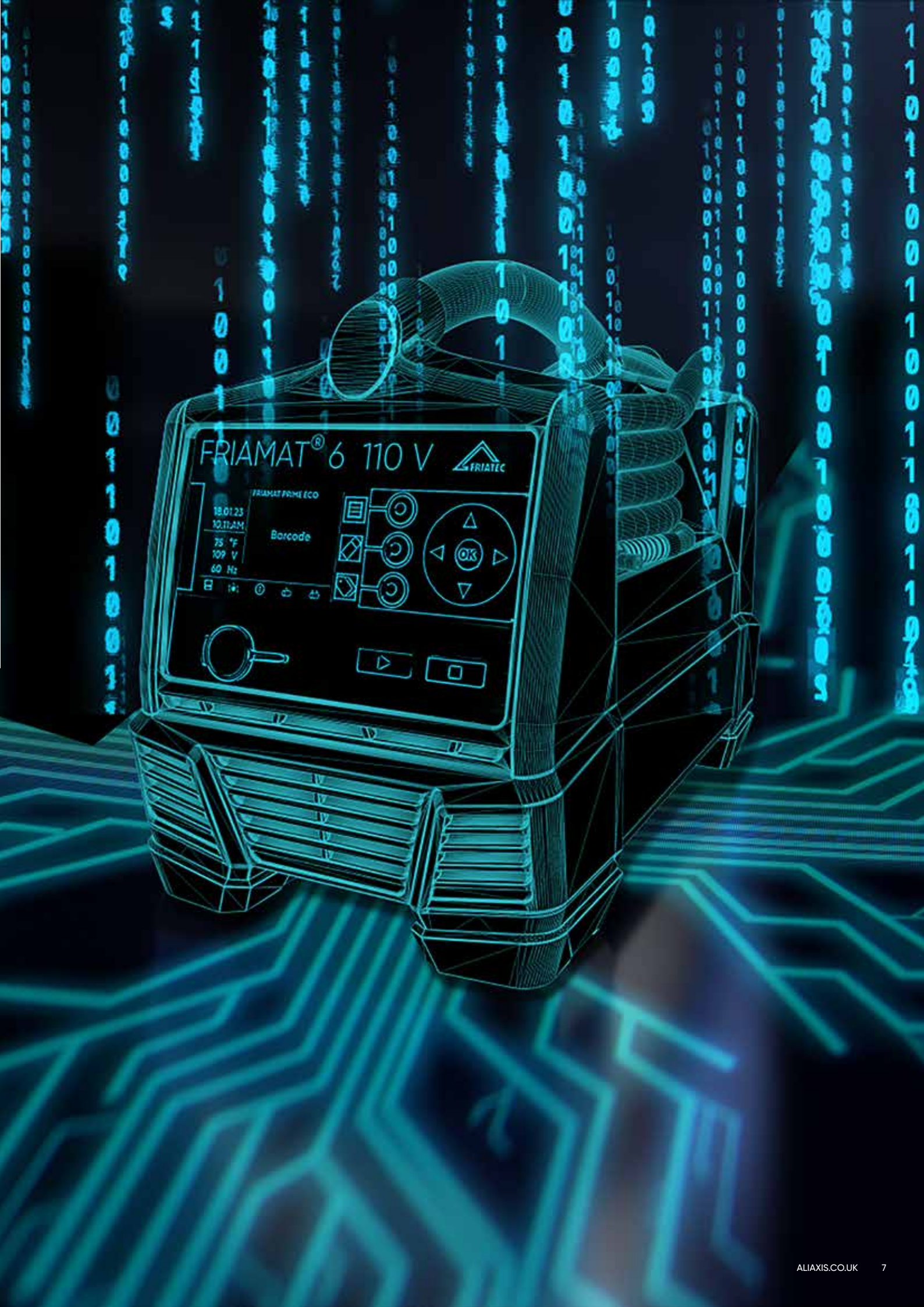
Synchronise

Paperless, in real time, with secure encryption. WorkFlow Pro transfers all data to the WorkFlow cloud, where the data is immediately sorted, processed and stored. The corresponding protocols can be accessed anytime, anywhere and only by those authorised to do so.



Manage

All protocols, images, components and details such as where each component was installed, or which electrofusion unit was used can be logged. The information is accessible online regardless of your location providing you with a complete record for each project and site.





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