



UNIVERSAL ELECTROFUSION PROCESSOR

IPEX

FRIAMAT II Electrofusion Processor and Fusion Unit

The FRIAMAT II is the industry's leading electrofusion processor. With a simple scan, it instantly reads every type of fitting. The precision continues throughout the fusion process. All details of the fusion are recorded, including the operator, temperatures and duration. It stores all fusion information and the data can be easily transferred to a computer. You can even input the GPS location of the joint into the electrofusion processor.

The FRIAMAT Fusion Unit is constructed using state-of-the-art technology and, in accordance with recognized safety rules, is fitted with the appropriate protective equipment.

- The electronics in your fusion unit are housed in a splash-proof casing.
- The FRIAMAT fusion unit is designed for a maximum fusion voltage of 48 volts.
- The supply and fusion voltage are isolated from each other by a safety transformer

SPECIFICATIONS

**INPUT VOLTAGE RANGE**

- AC 95 V - 135V

**FREQUENCY RANGE**

- 45 Hz - 66 Hz

**CURRENT CONSUMPTION**

- AC 30 A max

**POWER**

- 3.5 kW

**GENERATOR RATED OUTPUT, 1/2" CTS-2" IPS, 3" IPS-28" IPS**

- AC 2.0 kW, AC 4.0 kW

**EQUIPMENT FUSE**

- 30 A slow acting

**CASING**

- Enclosure class IP54 DIN 40 050, Protection class II  
DIN 57 700

**POWER CABLE**

- 16' with 30 AMP twist lock plug

**FUSION CABLE**

- 13' with 4mm fittings plug

**BAR CODE**

- Made to ANSI HM 10.8M-1983, ISO CD 13950/08.94

**WORKING TEMPERATURE RANGE**

- -4°F + 122°F (When fusing fittings from other manufacturers, always take note of the details given on the working temperature range.)

**FUSION CURRENT MONITORING**

- Short circuit 110 A, Open circuit 0.25 x IN

**PRINTER INTERFACE**

- Parallel (D-Sub 25)

**FUSION VOLTAGE**

- Max AC 48 V

**DIMENSIONS**

- 14-1/2" (W) x 19" (H) x 11" (D)