

# ATS 250 electrofusion

MANUAL

## Operating Modes Manual

**Controlled Welding Voltage**  
8 to 48 Vac (39,5 Vac)

**Welding Current**  
1 to 60 Aac

**Welding Time**  
1 to 2000 seconds

**Supply Voltage**  
110 Vac (+/- 20%) 40 to 60 Hz  
230 Vac (+/- 20%) 40 to 60 Hz

**Supply Current**  
1 to 28 Aac (110v)  
1 to 14 Aac (230v)

**Supply Power**  
3300 W (peak)

**Weight**  
20 kg

**Size**  
22 x 26 x 45 cm

**Operating Temperature**  
-15 C to 50 C

**Environmental Protection**  
IP65

**Electrical Protection**  
Class 1

**Data Log Memory**  
Not Available on MANUAL

**Data Download**  
Not Available on MANUAL

**Supply Cable**  
4m

**Welding Cable**  
3m



## ADVANCE WELDING

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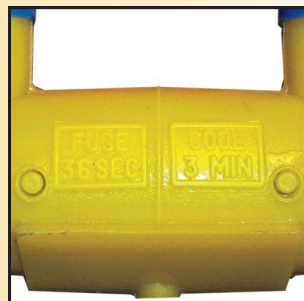
The ATS250 MANUAL is a simple manual electrofusion welding unit, designed to join PE and PP pressure fittings in the range of 8v to 48v. It has been designed with safety and simplicity of use in mind, and its fast user interface allows fittings to be welded quickly and reliably.



**This unit is built for SAFETY.** A strong lightweight metal housing protects it from physical damage and its IP65 rating makes it fully waterproof. Extra tough rubber cables protect against electric shock - Ideal for construction sites. A 'Safety Isolating transformer' and isolation relays make this unit fail-safe in all fault conditions, protecting the operator from danger. This unit exceeds the safety requirements of the international ISO standards.



**This unit is built for SIMPLICITY.** Clear information is shown on a bright four line display that can be read easily in all lighting conditions. A range of display languages are available to allow the unit to be used around the world. The simple to follow operating menus can be quickly navigated using the arrow keypad. Fittings are welded in *Manual* mode for the simplest operation possible.



**This unit is built for RELIABILITY.** It has been designed specifically for heavy-duty usage, where many fittings are welded each day. High quality components can repeatedly weld fittings up to 400mm diameter without long periods of downtime. The manual entry allows the welding voltage to be set, ensuring many different makes of fittings can be welded correctly.



**This unit is built for FLEXIBILITY.** Often market requirements can change. Bar Code reading may be needed or larger diameter fittings welded. To keep the equipment meeting the required specifications, it can be upgraded quickly and easily with new features. This can be done by a network of worldwide service agents. Programmable service intervals can be set and many diagnostic options are available to make sure the