



Electrofusion Welder

New UPP systems electrofusion unit 'E7'

- Constant current 'E7' electrofusion unit
- Rugged watertight housing
- Compact and easy to carry
- Light weight
- Easy to use
- Full diagnostic facility
- 230v power supply
- Optional 110v → 230v step-up transformers

The new E7 electrofusion unit from PetroTechnik is suited to all of our electrofusion fittings. It provides the correct constant current energy for both primary and secondary containment fittings. By connecting the correct colour connection cables to a fitting, the device automatically calculates the required energy input needed for a successful weld and adjusts itself accordingly.

The welder comes complete with a 5.5 metre orange cable for use with primary fittings, a 5.5 metre green cable for secondary containment fittings and 0.5 metre red and yellow link cables to allow fusion of multiple fittings.

This unit works in the same way as previous UPP welders, but uses enhanced electrical circuitry to provide a more user-friendly and compact unit. With built-in ambient temperature compensation and protection circuits, this is an extremely safe and accurate electronic device.



Fusion Unit Specifications	
UPP Stock Code	EW/E7/230V
Size (mm)	300 x 340 x 150
Size (inches)	12 x 13½ x 6
Weight	4.68 kg
Voltage	230v AC supply

Supplied Cables	
Primary	1 x 5500 mm Orange
Secondary Containment	1 x 5500 mm Green
Link	1 x 500 mm Red
	1 x 500 mm Yellow
Power Supply	4000 mm

There are two 230v-110v step-up transformers available for use in countries with different mains power supply voltages. Information about these transformers is available from www.petrotechnik.com

The welding unit is supplied with welding leads long enough for it to be placed in zone 2 whilst a weld is safely carried out in zone 1.

This unit is designed to weld UPP pipes and fittings only* and must not be used in conjunction with any other Polyethylene pipework systems.

*The UPP systems welder uses a constant current welding system unlike other systems which use constant voltage. The welder will not perform properly if used with non-UPP fittings.

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