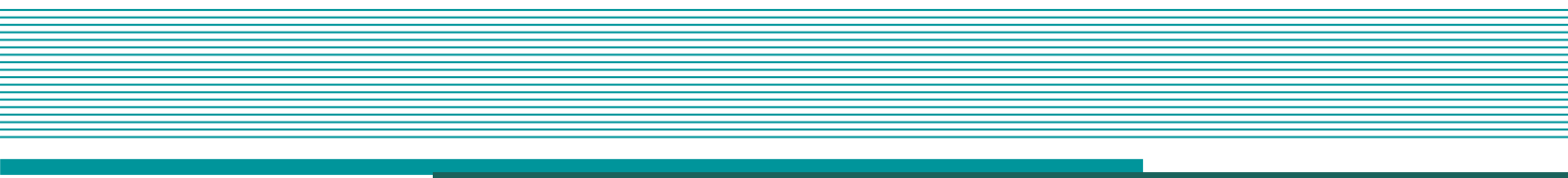


UNIVERSAL ELECTROFUSION WELDING EQUIPMENT

DS 820 E 0704



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Technical Data

DS 820 E 0704

Universal Electrofusion Welding Equipment to weld standard electrofusion fittings made from polyolefin material as HDPE, PP and PVDF.

Kind of equipment	This professional and light weight product line is based on experienced function and design for rigid long-term use in the field and plant.
Electrofusion process	The fusion weld is made by turning the mating surfaces of the coupler and pipe into a molten material, by using heating wires embedded in the coupler. The temperature and pressure of the molten material, which are important elements of the process, depend only on the geometry of the fittings and the electrical parameters of the welding operation. The electrical parameters are machine controlled. This results in welds with consistent quality.
Advantages	<ul style="list-style-type: none"> • Highest welding technology for permanent monitoring the welding process affectivity. Preventing welding errors caused by short-circuits or power supply failure. • Welding of all available fitting sizes (Ø 25 – 630 mm). • Welding of all fitting brands by using adapter plugs. • Simple operation, automatic or manual. • Robust and field approved design for use on construction sites. • Light weight (~ 26 kg) equipment supplied in sealed aluminium box. • For use with generators (minimum output 3 kVa) • Illuminated clear read display in several languages. • Easy data input with barcode reader pen. • Adapter plugs for all standard fitting connection plugs available. • Integrated data log for back-tracking and improved quality assurance. • Operating at outside temperatures from 0° to 70° C (32° to 158° F).
Model consist of	Basic Equipment, Fitting Connection cable with 4.0 and 4.8 mm plugs, Bar Code Reader
Optional	<ul style="list-style-type: none"> • Transformer 220/110 V available. • RS 232 Interface for connection with computer • Software HST 2000 for data processing on your computer.
Equipment Rental	Equipment and Transformer available for rent
Service	We offer job site assistance and service in the field.
Other welding equipments	Buttwelding Equipments Plug welding equipment Hot Air welding equipment Special Electrofusion Welding Equipment for special PESTEC e-fusion fittings FKS-Pipe electrofusion welding equipment for pipe size (Ø 300 – 3.500 mm). Halfpipe buttwelding equipment

Contact us for more details.

Discover PESTEC. Discover our ideas.

PESTEC GmbH, Limespark 2, D-65843 Sulzbach, Germany
 Phone ++49 6196-76681- 0 Fax ++49 6196-76681- 20
 contact@pes-tec.com www.pes-tec.com