

ELECTROFUSION WELDING MACHINE

Electrofusion welding machines are universal devices for joining pipes and fittings made of thermoplastics (PE, PP, PVDF PB) by resistance welding using electrofusion fittings. They are used in the construction and repair of gas pipelines, water mains, sewerage systems and industrial installations. Thanks to the automatic welding process, welding is easy and the resulting joint is of high quality and reliability. The device is very popular among installers making connections of buildings to gas and water supply networks.

ZEEN-800 PLUS

Welding machine with welding parameters recording system

TECHNICAL PARAMETERS

Approximate range of welded diameters	~Ø160mm
Power supply	AC 230 [V](+10/-15%), 50[Hz](+10%)
Max fitting power	~1450 W
Weight	13 kg
Dimensions	390 x 240 x 160 mm
Welding voltage	8÷44V
Max. weldings current	60 A
Working temperature	-5/+40 °C
Interchangeable welding adaptors	Ø4, Ø4.7 [mm]
Protection class	IP 54
Barcode scanner	Opcja
Memory	3000 weldings
GPS registration (aerial)	Optional
Possibility of printing the protocol	✓
Suggested power generator	3 kW
Built-in rechargeable battery	✗
Possibility of data transmission on a memory stick	✗
Communication with PC	USB cable
Calibration reminder	✓
Automatic welding time compensation	✓
Traceability function	✓
LCD display (2x16)	✓
Available user language	PL, ENG, RU, GER, HU, FR, RO, NO, IT, RO, LT, ESP, CZ, SK
Possibility of manual programming	✓
Available data transmission ports	USB type A, USB type B, M12
Possibility of software update by the user	✓
Welding and power cables	3m/3m



ABOUT

The device supports fittings used in the plumbing and gas industry. It allows four programming modes: manual, scanner, barcode manual, as last. Permanently mounted in a metal transport box, which protects against mechanical damage, sand, rain, and also guarantees convenient transportation of the device. Simple and clear operation of the welding machine control programme. Possibility to connect a barcode scanner (equipment option). Transformer temperature measurement system, protects the welder from overheating.

OPTIONAL EQUIPMENT

- Hand scraper
- Barcode scanner
- Cleaning wipes for welded joints
- Pipe crimper ZRRN-90 (Ø32÷90mm)
- Mounting clamps with joint (PUZN-90L)
- Pipe scissors (Ø16÷63mm)
- Pipe cutter (Ø6÷76mm)
- Pipe cutter (Ø50÷140mm)
- Pipe cutter (Ø110÷160mm)
- Pipe beveler (Ø16÷110mm)
- Pipe beveler (Ø32÷250mm)
- Mechanical scraper (Ø75÷200mm)
- Hydraulic crimper ZHRN-160 (Ø90÷160mm) SDR11 and SDR17
- Quick assembly shelter tent 3x3 [m]
- Power generator FOGO FH3001R with voltage stabilisation system

