



SBOX Lite

Features and Benefits



Introducing the SBOX Lite

The SBOX Lite is a lightweight universal electrofusion machine which is capable of welding any brand of electrofusion fittings for gas, water and other pressure pipe applications.

Features

- Can weld electrofusion fittings in sizes 20 - 125mm (140mm and 160mm couplers can be welded by letting the machine cool down between operations).
- The SBOX Lite can be supplied in 3 different models -
 1. 110V (SBOXLITE110)
 2. 230V (SBOXLITE)
 3. 230V Fusamatic only (SBOXLITEFUS).
- The 110 V and 230V can be used in 3 different modes -
 1. By barcode reading (8 - 48 volts)
(Ambient Temperature Compensation not operative)
 2. Manual fusion time entry (39.5 volts)
 3. Fusion's Fusamatic system (39.5 volts)
- The 230V Fusamatic machine has been designed to operate in Fusamatic mode only.
- Joint data memory of 350 welds - by means of USB memory stick.
- Barcode reading by scanner included
- Manual scraper included
- Transport bag included



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Machine Specification

Product Code	Description
SBOXLITE110	110V SBOX Lite lightweight universal electrofusion machine
SBOXLITE	230V SBOX Lite lightweight universal electrofusion machine
SBOXLITEFUS	230V SBOX Lite Fusamatic only lightweight electrofusion machine

Product Code	SBOXLITE110	SBOXLITE	SBOXLITEFUS
Diameters range (OD)	20 - 125mm *		
Weldable materials	PE / PP/ PP-R		
Dimensions (W x D x H)	200 x 250 x 210mm		
Weight	8 kg		
Power supply (V)	110V ±10%	230V ±15%	230V ±15%
Frequency	50 - 60 Hz		
Maximum absorbed power	2000W		
Nominal absorbed current	16A	8A	8A
Welding nominal current Duty cycle 60% (ISO 12176-2)	23A		
Working temperature	- 10 °C to + 40 °C		
Welding voltage (V)	8V-48V	8V-48V	39.5V
Peak current	60 A		
Protection degree	IP 54		
Connectors diameter	4.7 mm		
Electrofusion pin adaptor	4.7mm to 4.0mm		
Memory capacity	350 reports		
Ambient temperature compensation	Not operative - no correction applied		N/A

**For further information on
products and services supplied
by produx please visit
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* OD 140mm and 160mm couplers can also be welded but with precaution; wait for the machine to cool off completely after each welding cycle.

Generator requirements

Minimum generator requirement - 2.5kVA

Optional Extras

Description
Serial / USB adaptor cable
Data transfer software
Adaptor terminal pins 4.7 - 4.0mm

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