

SP110S.30S Infrared Butt Fusion Welder



SIZES: 20 – 110mm (1-1/2" – 4")
IPS (1/2" – 2") PFA only

VOLTAGE: 220 VAC/1 Plug

METHOD: Non Contact



The **SP110S.30S** is an automatic welding machine for heating element infrared welding of PE, PP, PVDF, ECTFE and PFA pipes and fittings from OD 20 to OD 110 mm and 1/2" to 2" IPS sizes in the workshop or in the field. It has two large aluminum pipe clamps which accept reducers for different pipe sizes, as well as two narrow fitting clamps for fittings with short legs.

The electronically controlled infrared heating element with limit stops has a special ceramic coating and control lamps for system and interval checking. Temperature adjustment is carried out by means of a digital control unit with separate mains plug and switch. The electric planer and heater rest on precise 2-axis-guiding and are automatically slid out between the welding pieces from the protective cover when in use. A shipping crate serves for the transport and the protected storage of the complete SP110 welding kit.

features

- Ideal for PVDF, PP, UPP, PE, ECTFE and PFA butt fusion piping systems¹
- Fully automated welding process
- Electronic process control and data logging
- Large touch screen with selectable languages
- Full featured weld documentation
- Magnetic clamping inserts
- Storage for over 20,000 welds
- Practical transport box, optimized for clean rooms

welder kit components

Welding Machine

	SP110S.30S
Basic machine	✓
Heating element	✓
CNC unit	✓
Transport case	✓
Pipe support	✓
Allen wrenches	✓
Thermal printer	✓
Data transfer cable	✓
USB data stick	✓
Instruction manual	✓
Shipping weight kg/lbs.	159/350
Crate size cm	112x99x140

Clamping Inserts

	SP110S.10S
Clamping set 110mm	✓
Reducer insert 20mm	✓
Reducer insert 25mm	✓
Reducer insert 32mm	✓
Reducer insert 40mm	✓
Reducer insert 50mm	✓
Reducer insert 63mm	✓
Reducer insert 75mm	✓
Reducer insert 90mm	✓
Clamping set 2" (PFA)	✓ ¹
Reducer Insert 1/2" (PFA)	✓ ¹
Reducer Insert 3/4" (PFA)	✓ ¹
Reducer Insert 1" (PFA)	✓ ¹
Reducer Insert 1-1/4" (PFA)	✓ ¹
Reducer Insert 1-1/2" (PFA)	✓ ¹

¹ PFA optional in SP110S.40S fusion machine