

DESOI w.i.l.m.a. - PU - 1C

No. 14410

Description

The pneumatic reciprocating pump DESOI AirPower S25 combines high capacity with compact design. Due to the directly mounted seals on the piston, retensioning is not necessary. The result is a very maintenance-friendly machine. DESOI w.i.l.m.a. monitors and documents the material consumption, the injection pressure and the mixing ratio.

Material to be used

- epoxy resin
- polyurethane
- quick-foaming polyurethane

Delivery range

DESOI AirPower S25: frame, 6 l material container transparent with scale and cover, material hose connection: external thread M12x1.5, air connection: air plug NW 7.2,
DESOI w.i.l.m.a.: control cabinet with integrated control, 10 m supply cable, on/off switch, control lamp, flow sensor, pressure sensor, Tablet Microsoft Surface Go 2 Platinum with protective cover,
No. 16811: HP hose - steel (Ø 6 mm, 10 m, union nuts M12x1.5, solvent-resistant),
No. 16733: HP injection gun 0 – 250 bar, (external thread M12x1.5; whip 0.3 m; mouth piece) incl. instruction manual

Advantages

- Big material passages - for highly viscous material
- A tensioning of the piston sealings is not necessary
- Easy maintenance and repair



1. Pressure regulator with manometer
2. Flow sensor with pressure sensor

Technical data

Working pressure - infinitely variable	7 - 220 bar
Delivery rate	5,1 l/min
Air consumption	1 m ³ /min
Transmission ratio	1 : 27,5
Air pressure	max. 8 bar

Air consumption and delivery rate at 100 bar back pressure (injection pressure)

Air consumption	Delivery rate
90 l/min	0,5 l/min
183 l/min	1 l/min
308 l/min	2 l/min
433 l/min	3 l/min

Weight	13,7 kg
L x W x H	65 x 53 x 110 cm

Accessories

	No.
Set of spare and wear parts	
DESOI w.i.l.m.a. - PU - 1C (DESOI AirPower S25)	14410-EVS
Set of tools	
DESOI w.i.l.m.a. - PU - 1C (DESOI AirPower S25)	14410 -WS

You can find more information on the application and process techniques with the DESOI w.i.l.m.a. in the STUVA ABI leaflet "Sealing of structures by injection", 4th edition - Part III/1.3.2 from p. 57.

All information and data in this technical data sheet are based on the current state of technology. We reserve the right to make technical modifications. The consumption data given here are average values based on experience therefore deviations cannot be excluded. 09/2024

DATA LOGGER

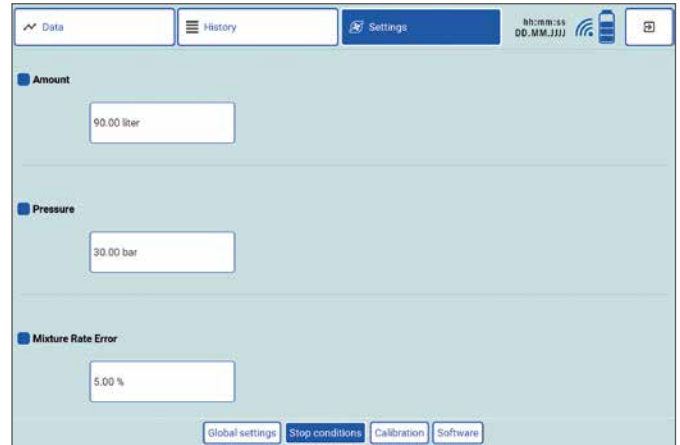
Control cabinet

Supply voltage (<i>adjustable ex works</i>)	110 – 230V/ 0,5 Ampere
Storage type	digitally on tablet
Data transfer	WLAN
Measuring range - volume (<i>depending on the sensor</i>)	max. 100 l/ min
Measuring range - pressure (<i>depending on the sensor</i>)	max. 250 bar *
Measurement accuracy	± 2 % v ME
Weight	8,62 kg
L x W x H	30 x 19 x 33 cm

* 1 bar = 105 Pa. (Pascal)

Tablet

Storage type	digitally on tablet
Hard disk space	64 GB
Data transfer	WLAN
Weight - tablet	1 kg
L x W x H - tablet	28 x 20 x 3 cm



Example of input mask

IMPORTANT !!!

- A professional briefing is mandatory (*free of charge on collection*)
- On-site instruction on the construction site by an experienced application technician with subsequent application support is also possible (*2 hours included*)
- Arrival and departure are charged at cost
- A tariff must be selected for the w.i.l.m.a. data management system

PRO

Suitable for upgrading to the PRO version.