

DESOI w.i.l.m.a. - Z

No. 14292

Description

The DESOI w.i.l.m.a. - Z was conceived to monitor and record injection processes with cementitious materials. It can be combined with all corresponding DESOI injection devices as well as with products of other manufacturers.

The DESOI w.i.l.m.a. - Z can be used for different water-cement mixes and is simple to clean using a cleaning ball. It monitors and records the material consumption and injection pressure.

Material to be used

- Injection mortar
- Cement paste
- Cement suspension

Delivery range

moving device, material hose connection at your option, flow sensor, pressure sensor, DESOI w.i.l.m.a.: control cabinet with integrated control, 10 m supply cable, on/off switch, control lamp, flow sensor, pressure sensor, Rugged Tablet PC 10.1" IP67 with Software for w.i.l.m.a. and protective foil, incl. instruction manual

Advantages

- Easy to clean
- Carriage for easy portability
- Works well with most pump types and brands
- Cementitious materials up to grain size 6 mm



1. Pressure sensor

2. Flow sensor

Technical data

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>)	0 – 40 bar
Measurement accuracy	± 2 % v ME
Weight	40 kg
L x W x H	65 x 53 x 110 cm

* 1 bar = 105 Pa. (Pascal)

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

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.

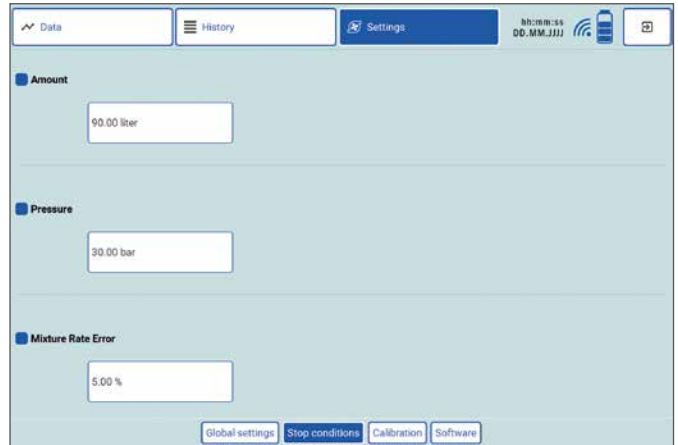
DATA LOGGER

Control cabinet

Weight	8,62 kg
L x W x H	30 x 19 x 33 cm

Tablet

Storage type	digitally on tablet
Hard disk space	64 GB
Data transfer	WLAN
Weight - tablet	1,26 kg
L x W x H - tablet	28 x 19 x 3,5 cm



The screenshot shows a mobile application interface for a data logger. At the top, there is a navigation bar with three tabs: 'Data', 'History', and 'Settings'. The 'Data' tab is active. In the top right corner, there is a status bar showing the time 'hh:mm:ss', the date 'DD.MM.JJJJ', and icons for signal strength, Wi-Fi, and battery. The main content area is divided into three sections, each with a blue header and a white input field:

- Amount:** The input field contains '90.00 liter'.
- Pressure:** The input field contains '30.00 bar'.
- Mixture Rate Error:** The input field contains '5.00 %'.

At the bottom of the screen, there is a navigation bar with four buttons: 'Global settings', 'Stop conditions', 'Calibration', and 'Software'.

Example of input mask