

## 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 mineral 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, impact resistant and waterproof CATERPILLAR (up to 1 m) T20 Tablet with Windows 10, incl. instruction manual

Professional instruction on the site by an experienced application technician and subsequent application support (*approx. 2 hours*). Arrival and departure will be charged on a time and material basis.

### Advantages

- Mineral materials with grain size 0 – 6 mm
- Works well with most pump types and brands
- Easy to clean
- Carriage for easy portability

### DESOI w.i.l.m.a. documents

- Material consumption per packer
- Injection pressure per packer
- Injection duration per packer
- Order of injections
- Re-injections
- Date and time of injection



1. Pressure sensor, connection material hose

2. Flow sensor

### Technical data

Supply voltage (adjustable ex works)	110 – 230V/ 0,5 Ampere
Storage type	digitally on tablet
Data transfer	WLAN
Measuring range - volume	100l/min
Measuring range - pressure	0 – 40 bar
Measurement accuracy	± 2 %
Weight - control cabinet	8,62 kg
Weight - tablet	0,68 kg
Weight	40 kg
L x W x H - control cabinet	30 x 19 x 33 cm
L x W x H - tablet	22 x 14,5 x 2 cm
L x W x H	65 x 55 x 110 cm

## DESOI w.i.l.m.a.

### Delivery range

control cabinet with integrated control, 10 m supply cable, on / off switch, control lamp, flow sensor, pressure sensor, impact resistant and waterproof CATERPILLAR (up to 1 m) T20 Tablet with Windows 10, incl. instruction manual

### The system can switch off automatically at

- Reaching the set material consumption
- Reaching the set injection pressure
- Inadmissible exceeding of the mixing ratio

### DESOI w.i.l.m.a. documents

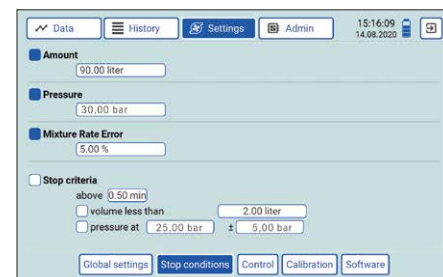
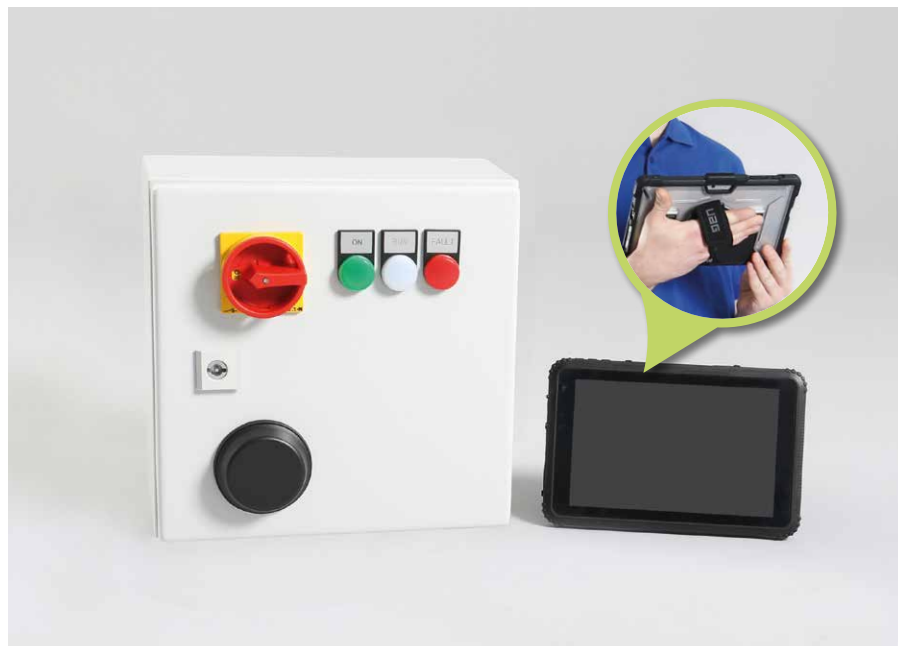
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### DESOI offers the following services

- Individual technical consulting
- Expert on-site instruction on the system

### Security for planners and owners

The DESOI w.i.l.m.a. technology ensures that the consumption rates and technical parameters as defined by project engineers are permanently monitored and maintained, e.g. with regard to mixing ratio and injection pressure. The systems provided are reliable, robust, and proven on thousands of construction sites around the world, guaranteeing both safety and an exceptional level of injection quality. Systems can be pre-configured in accordance with project and application requirements.



Control cabinet with tablet

### Technical data - control cabinet

Supply voltage (adjustable ex works)	110 - 230 V / 0,5 Ampere
Storage type	digitally on tablet
Data transfer	WLAN
Measuring range - volume (depending on the sensor)	max. 100 l/min
Measuring range - pressure (depending on the sensor)	max. 250 bar*
Measurement accuracy	± 2 % v ME
Weight - control cabinet	8,62 kg
Weight - tablet	0,68 kg
L x W x H - control cabinet	30 x 19 x 33 cm
L x W x H - tablet	22 x 14,5 x 2 cm

### Technical data - tablet

Storage type	digitally on tablet
Hard disk space	64 GB
Data transfer	WLAN

\* 1 bar = 105 Pa. (Pascal)