

AUTOMATIC MIXER ZATRIX® SERIES A



Description:

The ZATRIX® A-series automatic dosing station can dose the emulsion to the machine with an accuracy of 0.1% with a strictly defined concentration set by the user.

The station is prepared to be extended with additional elements such as minimum level sensor, maximum level sensor, anti-overflow sensor, and control solenoid valve - cut-off of the supply to the machine.

Technical data:

AVAILABLE MODELS	ZatriX® A10S
Concentration	0-10%
Accuracy	+/- 0.1
Connection	¾" GZ
Connection spacing	160mm
Weight	1kg
Dimensions (W x D x H)	160mm x 120mm x 350mm
Power supply	230VAC, 50Hz, 6A
Power (W)	75

Equipment:

Liquid-crystal display (LCD)	•
Electronically set concentration	•
Solenoid valve control - SAUM	•
Level sensors control- SAUM	•
Overflow sensor control - SAUM	•
Configurable input - external signal* Spin	•
Configurable output**	•
Work in network***	•
Readout of consumption data****	•
Operation using ZATRIX® APP*****	•

SAUM - automatic machine medium filling system

* can operate with an external device, e.g., dosing start/stop signal, concentration readout from the refractometer,

** output can be configured, e.g.: min. concentrate level alarm, dosing error

*** operation of one or more devices (up to 256) in one MODBUS network - management from ZATRIX® APP level

**** locally from the liquid-crystal display (LCD)

***** ZATRIX® APP - PC software for operating the ZATRIX® A-...s-series dispensers enabling:

- Creation of dispenser network topology — division into groups
- Remote concentration setting of individual dispenser units/groups
- Readout of water and concentrate consumption data
- Generating consumption reports in the form of charts
- Readout of the following statuses: operation, level, concentration, warning and alarm depending on the equipment extension



Main advantages

1. Dosing accuracy up to 0.1%
2. Concentration range 0.5%-10%
3. Full monitoring of water and concentrate consumption
4. Generation of complex consumption reports possible
5. Up to 256 dispensers can be connected to one central network
6. Fully automatic system
7. Concentrate consumption reduction
8. Water consumption reduction
9. Very high concentration stability
10. Reduction of disposal costs for used emulsions
11. Generation of quick consumption reports using the "ZATRIX® APP" programme

ZATRIX® provides maximum accuracy in emulsion dosing, which results in better quality of machining, reduced handling of refrigerant monitoring and many other factors, improving work on all connected processing machines.

In addition, combined with our static mixers, it can prepare an emulsion ready to be fed to the main centre lines - central system.



For further details, please scan the QR code or visit <https://www.q8oils.com/>