

nano::station

- TOC
- SAC
- UV254
- Color
- TCI
- FCI
- FTU/NTU
- Transmission
- ClO2
- H2O2
- PAA
- Conductivity
- pH
- ORP
- Temperature
- Alarms

The fully modular nano::station combines s::can instruments to a super-compact and versatile system. It presents a complete solution, as the user only has to connect water supply and -discharge ("plug & measure") in order to receive at no extra cost a previously unheard variety of immediately available information and parameters.

The s::can nano::station will revolutionize OnLine water quality monitoring: From very cost sensitive applications down to highly resolved "Smart Water Grids", in small unmanned plants, or even in single building protection.

The required components - i::scan, s::can probes and s::can controller - are factory assembled with required flow cells, mounting fittings and pipework on a super-compact panel.

The s::can nano::station - compact, precise and affordable!



nano::station with con::lyte

1 Terminal

With con::cube or con::lyte terminal. con::cube is equipped with moni::tool software for data acquisition, data display and station control

1

2 Flow detector (optional)

2

3 i::scan

One i::scan can be installed on every nano::station

Possible parameters:
Color, FTU/NTU, UV254, TOC, DOC, Transmission

3

4 Pressure sensor (optional)

Mounting position for pressure transmitter

4

5 Inlet strainer

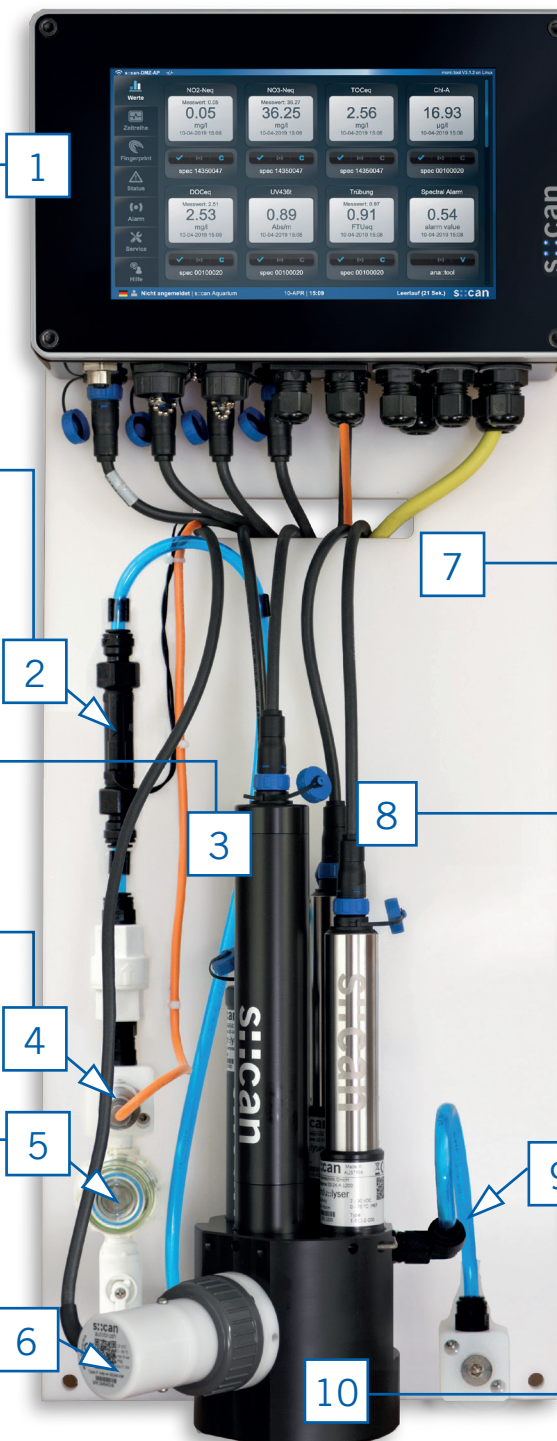
The inlet strainer ascertains that no coarse material enters the nano::station. With screw cap for sieve removal/cleaning

5

6 Autobrush for i::scan

Provides automatic cleaning for i::scan

6



7 Main panel

Material: PE
Weight of the station (fully equipped): 11 kg (+/- 1 kg)

7

8 Physical probes

Up to three s::can physical probes can be installed additionally to the i::scan in one flow cell (e.g. conductivity, pH, or chloro::lyser)

Possible parameters:
Conductivity, FCI, TCL, ClO2, H2O2, PAA, pH, Redox and Temperature

8

9 System tubing

Included in panel assembly; Material PU, inside diameter 6 mm, outside diameter 8 mm

9

10 Flow cell for i::scan and physical probes

Combined flow cell for one i::scan and up to three s::can physical probes. Provides quick connect/disconnect design by safety pins to reduce offline time during maintenance. A flow restrictor (optional) can be installed in the flow cell.

10

nano::station

Options for s::can nano::station

1 Terminal	con::cube V3, con::lyte
2 Flow detector	flow detector (optional)
3 i::scan	i::scan
4 Pressure transmitter	pressure transmitter for nano::station (optional)
5 Inlet strainer	inlet strainer
6 Autobrush	autobrush for i::scan
7 Main panel	system panel nano::station US or system panel nano::station EU
8 Physical probes	pH::lyser redo::lyser condu::lyser chlori::lyser chlodi::lyser hyper::lyser peroxi::lyser
9 System tubing	inside diameter 6 mm, outside diameter 8 mm
10 Flow cell for physical probes and i::scan	flow-cell for i::scan and up to 3 s::can physical probes, POM-C

