nano::station

TOC
SAC
UV254
Color
TCl
FCl
FTU/NTU
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::stationwill 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

2 i::scan

One i::scan can be installed on every nano::station
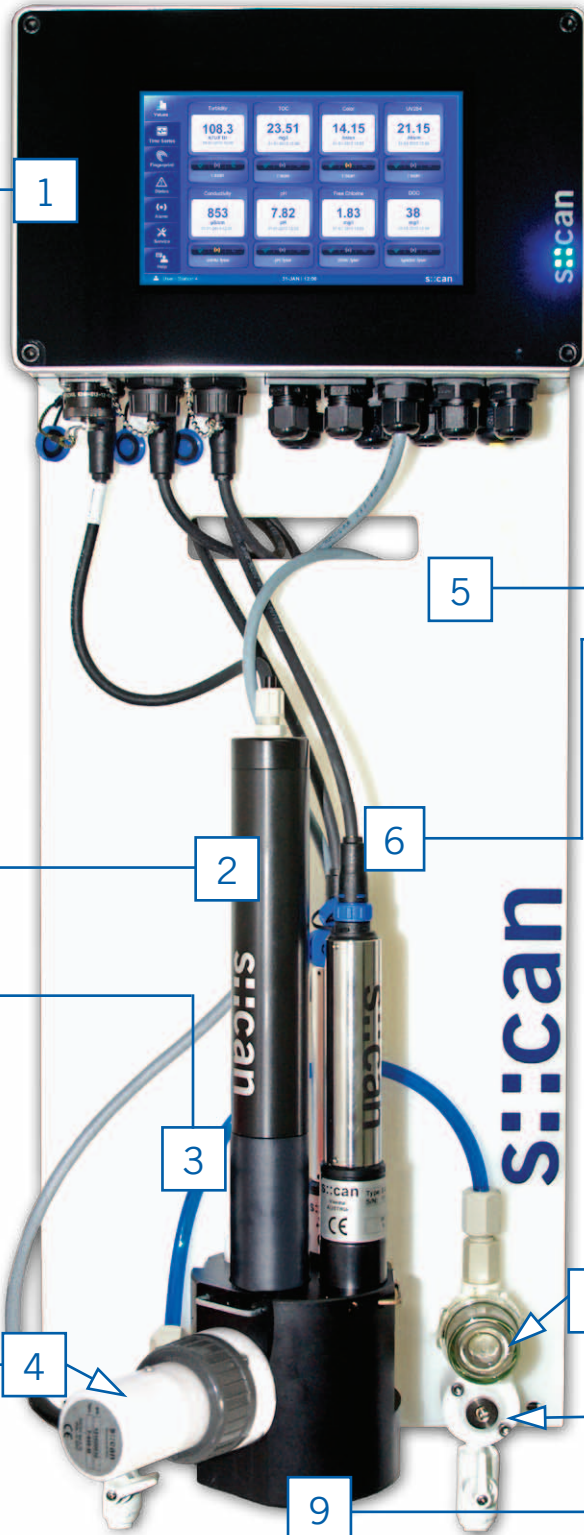
Possible parameters:
color, FTU/NTU, UV254, TOC, DOC, Transmission

3 System tubing

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

4 Autobrush for i::scan

Provides automatic cleaning for i::scan

5 Main panel

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

6 Physical probes

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

Possible parameters:
conductivity, FCl, pH, redox, TCl and temperature

7 Inlet strainer

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

8 Pressure transmitter (optional)

Mounting position for pressure transmitter

9 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 sensor maintenance

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nano::station

Options for s::can nano::station

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

280

250

750 730

Ø9

OUT   IN

174

235

188