nano::station

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 nano::station - compact, precise and affordable!

nano::station with con::lyte

- TOC
- DOC
- SAK
- UV254
- Color
- pH
- NTU
- FTU
- µS
- Alarm

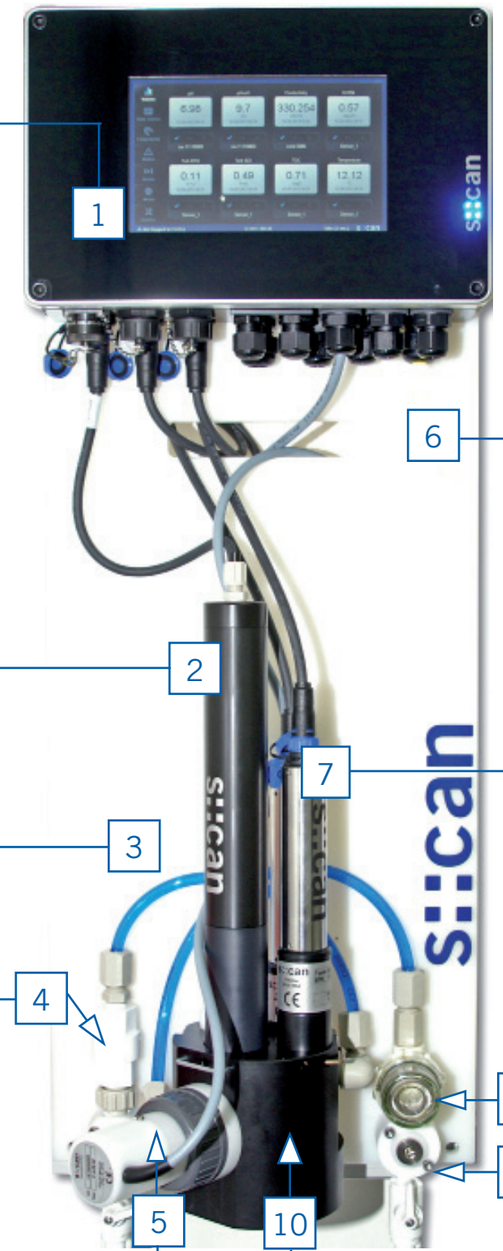
1 Terminal
With con::cube or con::lyte terminal. con::cube is equipped with moni::tool software for data acquisition, data display and station control

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

3 System tubing
Included in panel assembly; Material PA, inside diameter 6 mm, outside diameter 8 mm, black or blue/transparent

4 Flow restrictor unit
For automatic flow restriction and backflow prevention in by-pass

5 Autobrush for i::scan
Provides automatic cleaning for i::scan



6 Main panel
Material: PP

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

8 Inlet strainer
The inlet strainer ascertains no coarse material enters the micro::station.
¼” NPT, with screw cap for sieve removal/cleaning

9 Pressure transmitter (optional)
Mounting possition for pressure transmitter: 4-20 mA connection to con::cube

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 sensor maintenance

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Options for s::can nano::station

1 Terminal	con::cube con::lyte 1 eco con::lyte 2 con::lyte 4
2 i::scan	i::scan
3 System tubing	inside diameter 6 mm, outside diameter 8 mm, black or blue/transparent
4 Flow conditioning unit	automatic flow restrictor unit flow adjustment valve
5 Autobrush	autobrush for i::scan
6 Main panel	system panel micro::station US system panel micro::station EU system panel micro::station add-on module EU system panel micro::station add-on module US
7 Physical probes	pH::lyser redo::lyser condu::lyser chlori::lyser
8 Inlet strainer	inlet strainer
9 Pressure transmitter	pressure transmitter for micro::station (optional)
10 Flow cell for physical probes and i::scan	flow-cell for up to 4 s::can physical probes, Pom-C flow-cell for i::scan and up to 3 s::can physical probes, Pom-C s::can physical probe flow-cell (by-pass setup), Pom-C