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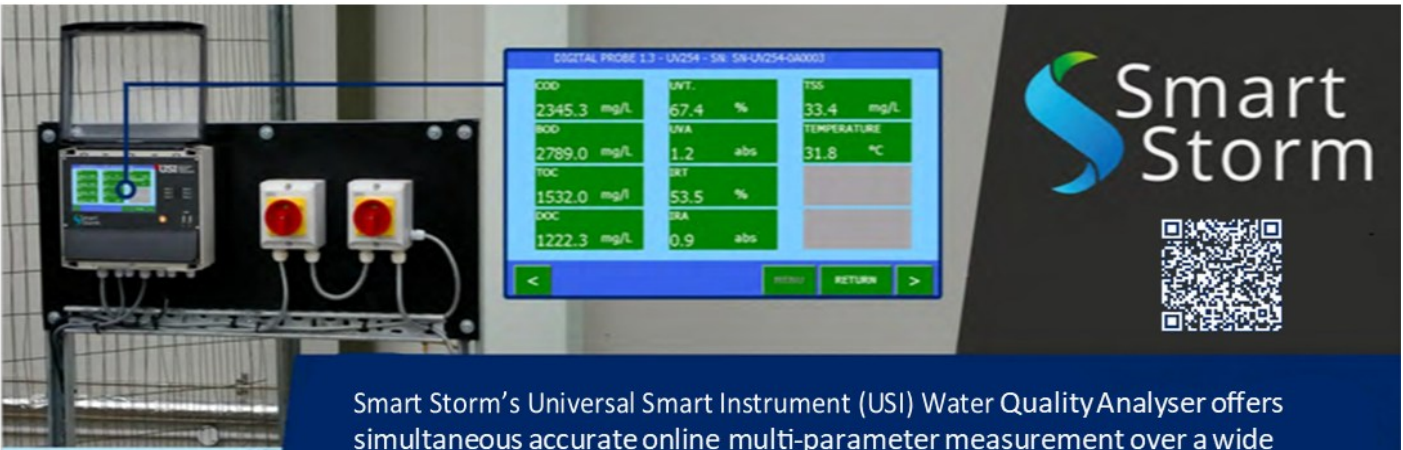


UNIVERSAL SMART INSTRUMENT WATER QUALITY MEASUREMENT

Multi-Parameter Water Quality Analyser for Water,
Wastewater, and Industrial Applications

**An Advanced Online Analyser
with 8 Water Quality Input
Channels and Cloud Based IoT
Accessibility**





Smart Storm



Smart Storm's Universal Smart Instrument (USI) Water Quality Analyser offers simultaneous accurate online multi-parameter measurement over a wide range of primary water quality sensors.

Offering a touch screen full colour graphical interface, user-friendly intuitive programming, plug and play sensor identification, simple calibration, 30-year Data logger, pc-based Windows reporting software and cloud based real time data access, the USI is one of the most powerful water analysers available.



APPLICATIONS

- Wastewater
- Clean Water
- Aquaculture
- River Water
- Storm Water
- Ground Water
- pH Balancing
- Pollution events
- Chemical Dosing
- Chemical Analysis
- Water Quality Range



FEATURES

- High Accuracy
- Simple Calibration
- Online Functionality
- 30 year Data Logging
- Touch-Screen interface
- User-Friendly operation
- Plug & Go Sensor Recognition
- Robust Weatherproof Design
- Multi-Communication Outputs
- Simultaneous Multi-Parameter analysis

USI WATER QUALITY



SPECIFICATION

- Ip Rating:** IP65
- Display:** 7-inch TFT touch-screen—800 x 480 Resolution
- Logger:** 30-Year data

Sensors: 4 x ISE, 4 x Digital



The USI Water Quality Analyser utilises Smart Storm's own user-friendly cloud based dashboard to display & log live data.



DIGITAL PROBES

ISE PROBES

- COD/BOD/TOC/DOC
- Conductivity
- Inductive conductivity
- pH/ORP
- Turbidity
- Total Suspended Solids & MORE
- (all Digital probes have integral temperature sensors)

- Ammonia
- Ammonium
- Calcium
- Chloride
- Nitrate
- Potassium
- pH/ORP

Input: 4 x 4-20mA

Output: 4 x 4-20mA, 6 x SPDT relays (10A/230V)

Dimensions: 234 x 264 x 142mm (9.2x10.3x5.5in)

Communication: Modbus RTU (RS485)

Optional GPRS Unit

Supply: (AC) 100-230V -60W

(DC) Optional factory build 9-36V (50W)

Some of the Usi Water quality Analyser compatible parameters available—others on request.



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