

TW Master Series



A solution for precision drinking water analysis

The TW Master series has been specifically developed for drinking water analysis and offers precise measurement parameters that are tailored to the high demands of water monitoring. Starting with the TW Turb and TW pH/EC as the first modules, the TW Master series covers the critical parameters that are essential for drinking water monitoring, including turbidity, pH and conductivity. Additional modules will soon be available that can determine parameters such as nitrate, dissolved oxygen, chlorine, tryptophan, chlorophyll, cyanobacteria, cdom and PAH.

The TW Master series is characterised by its modular design and allows flexible combinations of parameters to meet different application requirements. Installed in a row, the sensors facilitate the simultaneous analysis of multiple parameters in a single bypass installation, simplifying monitoring procedures.

The integration of the TW PS300 supply and communication module enables seamless data transfer to existing systems. Internal calibration storage eliminates the need for recalibration if the sensor is relocated, ensuring ease of use.

'Our TW Master series represents a significant advance in drinking water analysis.'

- Frank Meinhardt
Vice President & CSO TriOS

'With the devices already in use and working reliably, we want to provide water quality professionals with accurate and reliable tools to protect public health and the environment and ensure that our solutions meet and exceed their expectations.'

Advantages of the TW Master Series

- **Reliable water analysis** for drinking water, raw water and waste water
- **Flexibly customisable measuring ranges** in accordance with legal requirements
- **Individual parameter selection** for customised solutions
- **Modular expansion:** Up to three modules with six parameters can be combined in one flow unit
- **Quick installation:** Compact system for simple and time-saving installation
- **Integrated power supply & interfaces** via the TW PS300 power module



Areas of application

- Drinking water monitoring
- Environmental monitoring
- Raw water
- Waste water (effluent)

TW Master is perfect for:

- Monitoring water quality
- The control of treatment processes



CURRENTLY AVAILABLE:

- Turbidity
- pH value and conductivity

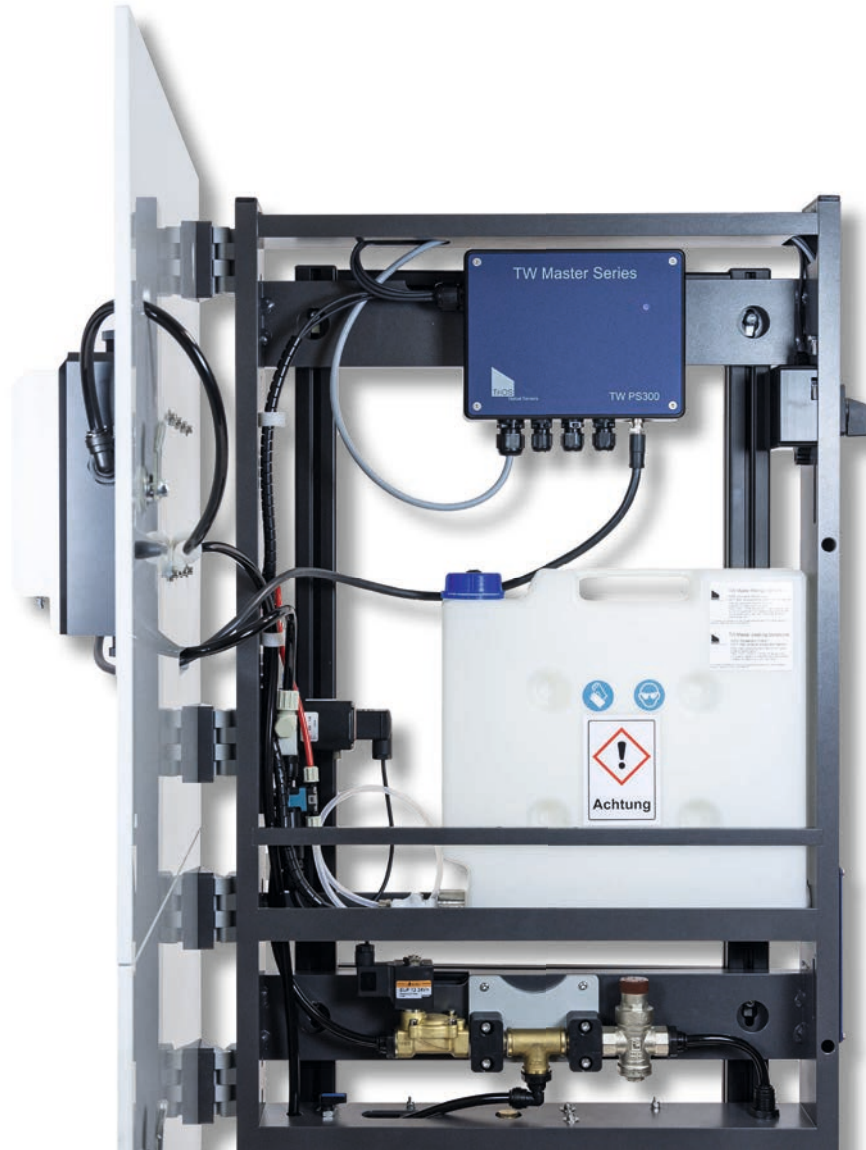
AVAILABLE SOON:

- Nitrate / Nitrite
- Dissolved oxygen
- Free / total chlorine
- Chlorine dioxide
- Redox potential
- SAK₂₅₄ / UVT₂₅₄
- TOC / DOC / CSB / BSB
- PAH / oil in water
- Algae (blue/green)

TW Master Panel with integrated automatic cleaning:

- TW Master Module and TW PS300 pre-assembled for 'plug and play' commissioning
- Safe and convenient handling with integrated
 - Pressure control (1 bar)
 - Pressure measurement
 - Flow measurement
 - Status LED for system monitoring
- Effective automatic cleaning with special TriOS cleaning solution
- Individually adjustable cleaning intervals and exposure time
- Convenient programming of the automatic cleaning cycles via the TW Master touch display





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**You can find more
information about
the TW Master
series here:**

