AMI Turbiwell

Non-contact nephelometric system for the automatic and continuous measurement of turbidity in potable water, surface water and effluent (ISO 7027).

- **Measuring range:**
  0.000 – 200 FNU

- **Precision:**
  ±0.003 FNU or 1% of the reading

- **Non-contact turbidimeter:**
  Optical elements are not in direct contact with the sample – no fouling

- **Low-maintenance.**

- **High quality long life laser beam (class 3B).**

- **Complete system mounted on panel.**

- **Factory calibrated with Formazine.**

- **Ready for installation and operation.**

(Data Sheet No. DenA2541X6XXX)
Turbidity in Potable Water, Surface Water and Effluent.

Analytical System
- Range: 0.000 to 200.0 FNU with automatic range switching.
- High precision: ±0.003 FNU or 1% of the reading.
- Heated optics, windows and sample compartment to avoid condensation.
- Optional sample degasser to avoid the formation of bubbles in the sample.
- 2 versions of the AMI Turbiwell for purging of the sample chamber:
  - manual operation of the drain valve or
  - automatic regulation of the drain via electric motor
- Automatic laser beam switch off when opening the measuring chamber.

AMI Electronic Unit
- Resistant aluminum housing IP66.
- Large backlit LC-Display for the reading of the measured value and status information.
- Full-text menu driven user interface.
- Two freely scalable current signal outputs (0/4 – 20 mA).
- Alarm relay and two programmable limit switches.
- Optional Profibus communication.