



# TURBIGGO

## TURBIDITY AND T.S.S.

- Wide range of measurement
- High precision and repeatability
- Compact size

*datalink  
instruments*



TURBIGGO™ is an on-line turbidimeter that conforms with the NF-EN-ISO 7027 standard. TURBIGGO™ operates through a path through flow cell.

The analyser uses an Infrared light source that makes it not sensitive to water color. Its range from 0.01 to 1000 FNU makes it well suited for low turbidity applications as well as rough industrial effluents.

The measurement result is displayed in FNU as well as in T.S.S. unit.

Its stainless steel 316L enclosure grants maximal protection of the instrument whatever the conditions of environment are, while ensuring a perfect recyclability at the end of life.

#### MAIN APPLICATIONS

- Drinking water treatment plants
- Waste water treatment plants
- Industrial water monitoring
- River water monitoring
- Rain water monitoring

#### BUILT-IN DATALOGGER

Measurement results are dated and stored in a static memory with a capacity of 10,000 measurements. They can be later transferred via the RS232 link on a PC without specific software using Hyperterminal® of Windows®.

#### RESULTS TRANSFER

The RS232 link allows results transfer for on short distances. The transfer of the results for long distance is possible with the RS485 link. 2 analog current outputs are available without intermediate treatment.

Alarm and Fault relays are also available.

#### POWER SUPPLY

TURBIGGO™ uses 100 – 240 VAC 50/60Hz power feeding.

#### DISPLAY

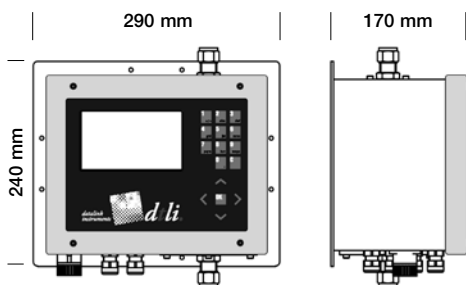
Measurements can be displayed on the screen showing all data stored in a form of list of values or graph.

#### PARAMETER SETTING

Operating parameters adjustment can be made either directly on the transmitter by using the keyboard or by the dedicated communication connection (RS232 or RS485).

#### OPTIONS

- Automatic cleaning system for the flow cell.
- Sampling peristaltic pump.
- Bubble removing system.
- Dissolved oxygen measurement (DO2) using an optical submerged probe.



<b>Ranges</b>	<b>Turbidity</b>	0,01 – 1000 FNU
	<b>Dissolved oxygen</b>	0 – 25 ppm or 0 – 200 % SAT
<b>Accuracy</b>	<b>Turbidity</b>	0.01 – 5 FNU: 1% of value > 0.005 FNU 5 – 50 FNU: 1% of value > 0.2 FNU 50 – 1000 FNU: 1% of value > 1FNU
	<b>Dissolved oxygen</b>	± 0,02 ppm
<b>Analog current outputs</b>		2 insulated and settable 0-20mA or 0-4mA outputs
<b>Outputs Relays</b>		1 power supply default relay 2 measurement relays (multiple configuration) 1 measurement fault relay
<b>Communication</b>		RS232 or RS485
<b>Power supply</b>		110 – 120 V / 220 – 240 / 50 - 60Hz / 30 VA
<b>Environmental temperature</b>		+1 à + 60 °C
<b>Protection</b>		IP65
<b>Weight</b>		6 kg without options

