

EGC Water Analyzer

11A10001X

The EGC Water Analyzer is TriOS' latest development in the monitoring of various wastewater-parameters. It can be equipped with three sensors: enviroFlu for identification of polycyclic aromatic hydrocarbons (PAH), TTurb for turbidity measurements and TpH-D for the determination of the pH value.

Inside the measurement cabinet is a TriBox3 to which all sensors are connected. The Ethernet interface and the analogue outputs are directly connected to the transparent connector box.



Technical Specifications

ENERGY SUPPLY

Voltage supply	100 ... 240 VAC, 50 ... 60 Hz
Power consumption	Max. 50 W

INTERFACES

Digital	Ethernet
Analogue	6 x Outputs: 4...20mA
Burden	max. 500 Ω
Protocol	Modbus TCP/IP
Parameter	PAH (DNV GL 6190014 HH) pH (BS EN 60746-2:2003) Turbidity (DIN EN ISO 7027:1999) Temperature (from TpH-D) Flow (internal) PAH turbidity corrected

MECHANICS

Size w/h/d	600 x 800 x 337 mm
Weight	43 kg (without sensors), 45,5 kg (with Snsors)

AMBIENT

Sample temperature	+2 °C...+40°C
Ambient temperature	+0 °C...+45 °C
Storage temperature	-20 °C...+80°C
Relative humidity	0 ... 95% (non-condensing)
Protection type	IP65

INLET

Max. pressure	Inlet pressure	25 bar
	internal	1 bar
Flow volume		2...5 L/min