

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.

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Technical Specifications

POWER SUPPLY

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

INTERFACES

digital	Ethernet
analogue	6 outputs: 4...20 mA
Load	max. 500 Ω
Protocol	Modbus TCP/IP
Parameters	PAH (MEPC.184(59)) pH (BS EN 60746-2:2003) Turbidity (DIN EN ISO 7027:1999) Temperature (of TpH-D) Flow (internal) PAH turbidity corrected

MECHANICAL SYSTEM

Size (width x height x depth)	600 x 800 x 337 mm	~ 23.6" x 31.5" x 13.3"
Weight	43 kg (without sensors) 45.5 kg (with sensors)	~ 95 lbs (without sensors) ~ 100 lbs (with sensors)

ENVIRONMENT

Sample temperature	+2°C...+40°C	~ +36 °F to +104 °F
Ambient temperature	0°C...+45°C	~ +32 °F to +113 °F
Storage temperature	-20°C...+80°C	~ -4 °F to +176 °F
Relative air humidity	0...95% (non-condensing)	
pH value	> pH4	
Protection type	IP65	NEMA 4X

INLET

Max. pressure	Inlet pressure	2 to 25 bar maximum	~ 29 psig to 363 psig maximum
	Internal	1.5 bar	~ 14.5 psig
Flow volume	2...5 L/min		
Internal volume	Approx. 1 L		