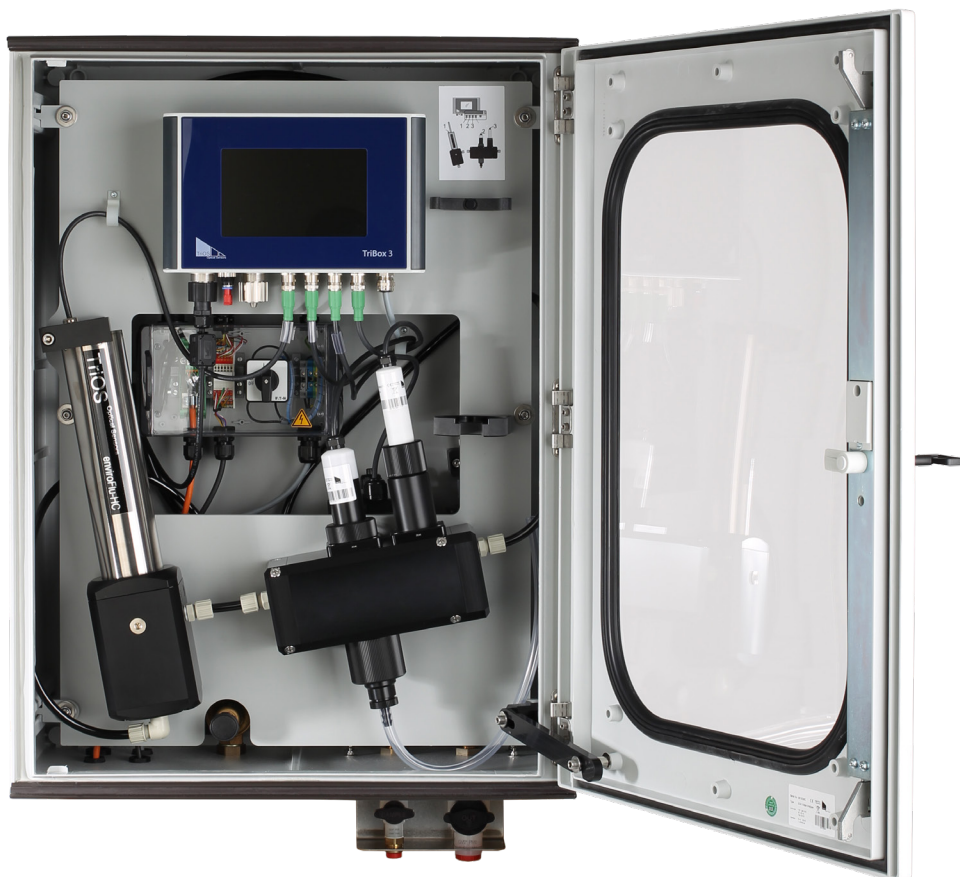


EGC Water Analyzer

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.

EGC Water Analyzer

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 pH (BS EN 60746-2:2003) Turbidity (DIN EN ISO 7027:2016) 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 to +40 °C	~ +36 °F to +104 °F
Ambient temperature	0 °C to +45 °C	~ +32 °F to +113 °F
Storage temperature	–20 °C to +80 °C	~ –4 °F to +176 °F
Relative air humidity	0–95% (non-condensing)	
pH value	> pH4	
Protection type	IP56	NEMA 4

INLET

Max. pres- sure	Inlet pressure	1 to 25 bar maximum	~ 14.5 psig to 363 psig maximum
	Internal	max. 3 bar	~ 43.5 psig
Flow volume	2–5 L/min		
Internal volume	Approx. 1 L		