

PERMANENT INSTRUMENT

ACTEON 2000

Transmitter for physico-chemical measurements



- Robust, easy to install
- Wide graphic screen
- Quick and simple intuitive programming
- 4-20 mA outputs, programmable relays

Application:

- Wastewater treatment
- Natural water
- Industrial effluent treats

➤ Parameters

pH & ORP



Conductivity



Dissolved Oxygen



Turbidity



Suspended Solids



Sludge Level selection



Technical Features ACTEON 2000

Casing	ABS
Protection	IP 65
Operating temperature	- 25°C to + 55 °C
Dimensions (H x L x P) /Weight	173 x 195 x 103 mm / 1,5 kg
Display	Large baclited graphic display : 240 x 128 pixel
Power supply	230/115 VAC 60 Hz Option : 12-24 V continuous
Consumption	10 VA Max.
Outputs 4-20 mA	2 outputs galvanic isolation (charge max.700 Ohms): - Setting for the parameter chosen, - Setting from -10,00°C à + 50,00°C
Relays outputs	2 Relays configurable according 2 or 3 modes : - Setting alarm mode (1 parameter threshold and 1 T°C threshold) ; - Setting regulation mode (two thresholds on the parameter with one or two relays). - Regulation on 1 relay high threshold/low threshold Forced Start/Stop

Sensor Technical Features

Parameter	Range	Resolution	Accuracy	Technology
pH	0 to 14	0,01 pH	± 0,05	Sensor combined/ Glass electrode (reference/measure)
ORP	- 999,0 to + 999,0 mV	0,1 mV	± 5 mV	- Platinum tip - Platinum ring (reference /measure)
Dissolved Oxygen	0,00 to 50,00 mg/L 0,0 to 200,0 %	0,01 mg/L 0,1 %	± 0,2 mg/L ± 2 %	Polarographic
	0,00 to 25,00 mg/L 0,0 to 200,0 %	0,01 mg/L 0,1%	± 1 %	Optic
Conductivity	0,0 to 2 000,0 µS/cm	0,1 µS/cm	± 0,5 % of the full range	Induction probe
	0,00 to 20,00 mS/cm	0,01 mS/cm		
	0,0 to 100,0 mS/cm	0,1 mS/cm		
Turbidity	0,00 to 20,0 NTU	0,01 NTU	± 0,5 % of the full range	- Nephelometry (low turbidity) - Absorptiometry (high turbidity)
	0,0 to 200,0 NTU	0,1 NTU		
	0 to 2000 NTU	1 NTU		
SS	0,00 to 10,00 g/L	0,01g/L	± 0,1 g/L	Absorptiometry IR
	0,00 to 20,00 g/L	0,01g/L	± 0,2 g/L	
	0,00 to 50,00 g/L	0,01g/L	± 0,5 g/L	
Sludge Blanket	0,0 to 100,0 %	0,1 %	± 2 %	Absorptiometry IR
Temperature	- 10,00 to + 50,00 °C	0,01°C	± 0,1°C	Platinum tig Pt 100 Ω

Accessoires

In tank installation

In pipe installation

Self cleaning system