

DIGITAL INSTRUMENTS

J DIGITAL SERIES



J DIGITAL PH * J DIGITAL RH * J DIGITAL CD * J DIGITAL CL * J DIGITAL O₃

The J Digital Series are compact, versatile and user-friendly **RACK mounting** instruments to control and measure **pH, Redox (ORP), Chlore, Conductivity and Ozone**.

They provide **reliable** and **accurate** measurements using a digital keyboard and LCD backlight display.



The fields of applications are numerous:

- waste water treatment
- drinking water
- cooling towers
- boilers
- chemical industry
- swimming pools
- process industry
- pharmaceutical industry
- agriculture

... and many more.

Emec offers a wide range of electrodes to match technical requirements of different applications.

M O D E L S

J DIGITAL PH

Rack mounting **pH** controller with digital display. Set to host proximity switch SEPR.

J DIGITAL RH

Rack mounting **Redox (ORP)** controller with digital display. Set to host proximity switch SEPR.

J DIGITAL CD

Rack mounting **Conductivity** controller with digital display. Set to host proximity switch SEPR.

J DIGITAL CL

Rack mounting **Chlorine** controller with digital display. Set to host proximity switch SEPR.

J DIGITAL O₃

Rack mounting **Ozone** controller with digital display. Set to host proximity switch SEPR.

For Additional Information Contact:

Fred C. Gilbert Company

106 Norris Road
Bakersfield, Ca. 93308 USA
Telephone (661) 399-9569
Fax (661) 393-9654



TECHNICAL DATA OF ALL MODELS

Functions	J DIGITAL PH	J DIGITAL RH	J DIGITAL CD	J DIGITAL CL	J DIGITAL O ₃
Range	0 ÷ 14.00 pH	0 ÷ 1000 mV	0 ÷ 1999 μ S* 0 ÷ 199.9 μ S*	0 ÷ 10.00 mg/l Cl ₂	0 ÷ 1.99 mg/l O ₃
Resolution	± 0.01 pH	± 1 mV	± 0.1 μ S ± 1 μ S	± 0.01 mg/l Cl ₂	± 0.01 mg/l O ₃
Display	LCD Backlight				
Controls	Digital				
Calibration	Manual with buffer solution				
Environment Working Temperature	0°C to 50°C - 0% to 95% (non condensing) relative humidity				
Two Set Points	On/Off or Proportional with On/Off modulation				
Hysteresis	Adjustable				
Relay Output	Voltage Free Contact; 5A/230VAC Resistive				
Input Impedance	> 10 ¹² Ohm	> 10 ¹² Ohm	--		
Max Resistive Load	5A - 230VAC				
Power Supply	24, 115, 230 VAC*; 50/60 Hz				
Power Consumption	Average 4W				
Fuse Protection	Instrument fuse protection				
Galvanic Isolation	YES				
Casing Material	ABS - IP40 box				
Mounting	Rack Mounting				
Dimensions	48 x 96 x 140 mm				
Net Weight	Kg 0,5				
Temperature Compensation	Automatic with probe	NO	Automatic with probe	NO	NO
Current Output	0÷20mA programmable (Max 350 Ohm)				

* Specify when ordering

CONTROL PANEL



SINCERT



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