

D I G I T A L I N S T R U M E N T S

J SERIES



JPH * JRH * JCL * JCD * JCDRI * JTEMP * JTORB

The J Series are compact, versatile and user-friendly **96x96 DIN panel mounting** instruments to control and measure **pH, Redox (ORP), Conductivity, Residual Chlorine, Temperature** and **Turbidity**.

J Series provides **reliable** and **accurate** measurements.



M O D E L S

JPH

DIN panel mounting **pH** controller with digital display.

JPHI

Version with galvanic isolation.

JRH

DIN panel mounting **Redox (ORP)** controller with digital display.

JRHI

Version with galvanic isolation.

JCD

DIN panel mounting **Conductivity** controller with digital display.

JCDI

Version with galvanic isolation.

JCL

DIN panel mounting **Chlorine (Cl₂)** controller with digital display.

Mod. **JCL/1** for amperometric cells mod. ECL1/2/3.

Mod. **JCL/4** for amperometric cells mod. ECL 4/5/6.

JCDRI

DIN panel mounting **Conductivity** controller with digital display for cooling tower applications with bleed control.

JTEMP

DIN panel mounting **Temperature** controller with digital display.

JTORB

DIN panel mounting **Turbidity** controller with digital 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.

For Additional Information Contact:

Fred C. Gilbert Company

106 Norris Road

Bakersfield, Ca. 93308 USA

Telephone (661) 399-9569

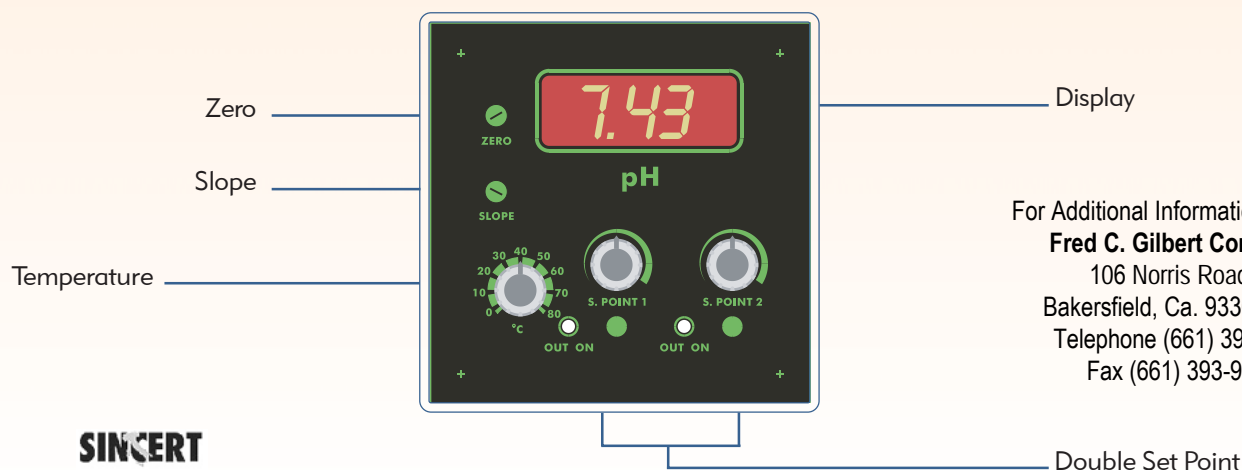
Fax (661) 393-9654



TECHNICAL DATA OF ALL MODELS

Functions	JPH	JRH	JCD	JCL	JCDRI	JTEMP	JTORB
Range	0 ÷ 14.00 pH	0 ÷ 1000 mV	0 ÷ 1999 μ S 0 ÷ 19.99 mS	0 ÷ 30.0 mg/l Cl ₂ 0 ÷ 10.00 mg/l Cl ₂ 0 ÷ 2.000 mg/l Cl ₂	0 ÷ 19.99 mS	0 ÷ 100 °C	0 ÷ 19,9 NTU
Resolution	± 0.01 pH ± 1 mV	± 1 mV	± 10 μ S ± 1 μ S	± 0.1 mg/l Cl ₂ ± 0.01 mg/l Cl ₂ ± 0.001 mg/l Cl ₂	± 10 μ S	± 0.1 °C	± 0.1 NTU
Display	7 - Segments Display						
Controls	Analogic						
Calibration	Manual						
Environment Working Temperature	0°C to 50°C - 0% to 95% (non condensing) relative humidity						
Set Points	Two On/Off	Two On/Off	Two On/Off	Two On/Off	One On/Off, one hysteresis	Two On/Off	Two On/Off
Input Impedance	> 10 ¹² Ohm	> 10 ¹² Ohm	--	--	--	--	--
On/Off Output	2 Voltage Output (Free of voltage on demand)						
Chart Recorder Output	Specify when ordering: 0 ÷ 20mA or 4 ÷ 20mA (max 500 Ohm)						
Max Resistive Load	5A - 220VAC						
Power Supply	24, 115, 230 VAC (specify when ordering); 50/60 Hz						
Power Consumption	Average 5W						
Fuse	Instrument and output fuse protections						
Galvanic Isolation	On demand (JPHI, JRHI, JCDI)						
Casing Material	ABS - IP40 box (IP65 frontal with cover on demand)						
Mounting	96 x 96 DIN Panel Mounting						
Dimensions	96 x 96 x 140 mm						
Net Weight	Kg 0,5						
Temperature Compensation	Manual Automatic 0 ÷ 80 °C	NO	Manual Automatic 0 ÷ 80 °C	NO	Manual Automatic 0 ÷ 80 °C	NO	NO

CONTROL PANEL



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SINCERT



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