

JENCO MODEL 6301N

pH/ORP

Bench Controller/Transmitter

FEATURES

- SIMULTANEOUS pH/ORP/TEMPERATURE INPUT & CONTROL
- SINGLE LOOP SELECTABLE FOR pH or ORP
- RELAYS with STANDARD ELECTRICAL SOCKETS
- RELAY HYSTERESIS CENTER OR EDGE SELECTABLE
- 4-20 mA OUTPUT HAS OFFSET & SPAN CONTROL
- LINEAR mA OUTPUT FOR pH & ORP (Abs. or Rel.)
- BUFFERS 1.68, 4.00, 4.01, 7.00, 9.18, 10.01, & 12.46
- RS-232C OUTPUT
- GRAPHIC LCD DISPLAY
- TACTILE KEYPAD WITH AUDIO FEEDBACK
- AUTOMATIC TEMPERATURE COMPENSATION (ATC)
- FROZEN FUNCTION FOR ELECTRODE CALIBRATION
- POWER DOWN MEMORY BACK-UP
- PASSWORD PROTECTED
- CE APPROVED & ISO 9001 CERTIFIED



SPECIFICATIONS:

Display	Range	Resolution	Accuracy
pH	- 2.00 to + 16.00 pH	0.01 pH	± 0.01 pH ± 1 LSD
ORP Absolute	- 2500 to + 2500 mV	1 mV	± 0.1% of rdg ± 1 LSD
ORP Relative	- 6499 to + 6499 mV	1 mV	± 0.1% of rdg ± 1 LSD
Temp.	-10.0 to + 120.0 °C	0.1 °C	± 0.1°C ± 1 LSD

pH

Calibration Auto End Point Sensing	Yes
Temperature Compensation Range	-10 ~ 120 °C
pH Buffer Temperature Range	0 ~ 60 °C
STAND Recognition	± 100mV
SLOPE Recognition	± 30%
Input Impedance	> 10 ¹³ Ω
Standard Buffer Recognition	4.00, 4.01, 6.86, 7.00, 9.18, 10.01
Special Order Buffers	(1.68, 4.01, 6.86, 7.00, 10.01, 12.46)

4-20 mA CURRENT OUTPUT

Current Output Type	Isolated 4 to 20 mA
Current Output Mode	pH LINEAR, ORP LINEAR
Range	Selectable Zero & Span
Accuracy	± 0.02 mA
Isolated Voltage	500 VDC
Maximum Load	500 Ω

ORP

OFFSET Range	± 3999mV
Input Impedance	> 10 ¹³ Ω

TEMPERATURE

ATC Sensor	Thermistor, 10k Ω at 25°C
------------	---------------------------

OUTPUT RELAYS

Control Type	ON / OFF
Programmable Hysteresis Mode	Center or Edge
Relay Output, (Resistive Load Only)	5 Amps @ 115 VAC or 2.5 Amps @ 230VAC

GENERAL

Ambient Temp. Range	0.0 °C to 50.0 °C
Power	115 / 230 VAC, 50 / 60 Hz
Dimensions	25cm x 24cm x 10 cm
Weight	1450 grams

JENCO instruments, Inc.
7968 Arjons Dr, Suite-C
San Diego, CA. USA 92126-6362
Tel: 858-578-2828
Fax: 858-578-2886
jencoi@ix.netcom.com
www.jencoi.com

Shanghai Jenco Electronics, Ltd.
18 Wang Dong Zhong Road
Sijing, Song Jiang, China
Tel: (86-21) 5761-9599
Fax: (86-21) 5761-9598
jenco@public.sta.net.cn
www.jenco.com.cn

Jenco Electronics, Ltd
P.O. Box Linkou-117
Taipei Hsien, Taiwan
Tel: (886-2) 2601-6191
Fax: (886-2) 2601-7206
jemcoe@ms2.hinet.net
www.jencoi.com