



Well-Thought-Out Usability

- Extra large clear LCD display with 21mm tall characters
- Automatic or manual temperature compensation (pH)
- Automatic buffer recognition of US and NIST buffer sets (pH)
- RS-232 PC interface for data transfer
- Dedicated pushbuttons for key operations

Reliable and Repeatable Results

- $> 10^{12} \Omega$ input impedance (pH)
- 2 Points calibration (pH)
- 2-Wire conductivity (conductivity, salinity, TDS)
- 1 Point per range calibration (conductivity, salinity, TDS)
- $K = 0.1, 1.0$ and 10.0 (conductivity, salinity, TDS)
- Polarographic dissolved oxygen (DO)
- 1 Point calibration (DO)
- Adjustable pressure and salinity compensation (DO)
- AC adaptor or battery powered

Available Configurations

- Single parameter pH/mV, conductivity, salinity, TDS, DO with temperature
- With or without RS-232

6173 / 6173R 3173 / 3173R / 9173 9173R

This series of Jenco benchtop meters is built with an extra large display and available PC data transfer, well suited for demonstration and any applications where data needs to be recorded or transferred for detailed analysis.

Specifications

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- pH
- ORP
- COND
- TDS
- TEMP
- Do
- SAL

6173 / 6173R



3173 / 3173R



9173 / 9173R



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Parameters	pH & ORP & Temp	Cond & TDS & Salt Temp	DO & DO% saturation & Temp	pH & ORP & Ion & Temp
Range	-6.00 ~ 20.00 pH (pH) ±2000 mV (ORP)	0.00 µS/cm ~ 200.0 mS/cm (Cond) 0.00 ppm ~ 100.0 ppt (TDS) 0.0 ~ 80.0 ppt (Salt)	0.00 ~ 20.00 ppm (DO) 0.0 ~ 200.0% (DO% saturation)	-2.000 ~ 16.000 pH (pH) ±1999.9 mV (ORP) 0.00 ~ 119.8 conc (Ion)
Resolution	0.01 pH (pH) 1 mV (ORP)	0.01 µS/cm, 0.1 µS/cm, 1 µS/cm, 0.01 mS/cm, 0.1 mS/cm (Cond) 0.01 mg/L, 0.1 mg/L, 1 mg/L, 0.01 g/L, 0.1 g/L (TDS) / 0.1 ppt (Salt)	0.01 ppm (DO) 0.1% (DO% saturation)	0.001 pH, 0.01pH (pH) 0.1 mV, 1 mV (ORP) 0.05, 0.1, 0.2 conc (Ion)
Accuracy	±0.01 pH (pH) ±0.05% F.S. (ORP)	±0.5% F.S. (Cond) ±0.5% F.S. (TDS) ±1% F.S. (Salt) -10.0 ~ 120.0 °C	±0.2% F.S.	±0.1% F.S. ± 1digit (pH) ±0.1% F.S. ± 1digit (ORP) ±2 digits (Ion)
Temp Range	-10.0 ~ 120.0 °C	-10.0 ~ 120.0 °C	-6.0 ~ 50.0 °C	-5.0 ~ 125.0 °C
Temp Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Temp Accuracy	±0.3 °C	±0.5 °C	±0.3 °C	±0.5 °C
Calibration	2 points	1 point	1 point	2 points
pH Buffer Recognition	USA, NIST	NA	NA	USA or NIST
ATC	Auto and manual	Auto	Auto	Auto and manual
Cell Constant	NA	0.10, 1.00, 10.0 (2 Wire)	Polarographic	NA
Input Impedance	1 X 10 ¹² Ω	NA	NA	1 X 10 ¹² Ω
Reference Temperature	NA	15.0 ~ 25.0 °C	NA	NA
Temperature Coefficient	NA	0.00% ~ 4.00%	NA	NA
TDS Factor	NA	0.5	NA	NA
Pressure compensation	NA	NA	600 ~ 1100 mbar	NA
Salinity compensation	NA	NA	0.0 ~ 40.0 ppt	NA
Screen	Segment LCD	Segment LCD	Segment LCD	Segment LCD
Connectivity	RS-232 (Only 6173R)	RS-232 (Only 3173R)	RS-232 (Only 9173R)	RS-232
Power Supply	100 ~ 240 VAC adapter or AA x 6	100 ~ 240 VAC adapter or AA x 6	100 ~ 240 VAC adapter or AA x 6	100 ~ 240 VAC adapter or AA x 6
Dimensions	230 X 165 X 80 mm	230 X 165 X 80 mm	230 X 165 X 80 mm	250 X 240 X 100 mm