

YORK pH METER

Model No.: YSL/YSI-655



pH MODE: Up to 5 points push-button calibration with auto-buffer recognition. Selectable pH buffer standards, (USA, DIN, NIST, User-defined) resolution (0.1, 0.01, 0.001pH) temperature units (°C or °F) Automatically calculates and displays electrode slope that helps you decide whether to replace pH electrode. Calibration due reminder prompts you to calibrate the meter regularly.

ORP MODE: Absolute or Relative mV measurements provides accurate ORP measured value. 0.1 point offset calibration allows user adjusts displayed value to a known standard.

CONDUCTIVITY/TDS/SALINITY/RESISTIVITY MODE: Up to 5-point push-button calibration allows user to use customized calibration solutions. Default 10uS, 84uS, 1413uS, 12.88mS and 111.8mS) Adjustable TDS conversion factors, cell constants, temperature coefficients and normalization temperature. (20°C or 25°C) allows user selects linear or pure water temperature compensation modes. In salinity measurement modes, selectable practical salinity (PSU) or seawater measurement standards. (ppt)

SALIENT FEATURES

- ✦ Selectable temperature units between degrees Celsius (°C) and degrees Fahrenheit (°F)
- ✦ Automatic Temperature Compensation (ATC) ensures high accuracy of measurements
- ✦ Automatic endpoint function freezes the stable measured values for easy reading and recording data.
- ✦ Help message as a operational guide to helps you understand how to use meter.
- ✦ Setup menu lets user customize the calibration points. stability conditions of measurement. temp. units and date/time to meet personal preference.
- ✦ Reset function allows user to returns all setting to the factory default values.
- ✦ Expanded memory stores and recalls upto 500 readings.
- ✦ Built-in real-time clock stamps stored data to meets GLP standards.

STANDARD ACCESSORIES : Main Instrument, pH Electrode, pH Buffer - (4.01, 7.00, 10.01pH), Conductivity Cell 1K, Calibration Solution, Electrode Stand, ATC Probe, USB Adaptor, Instruction Manual, Test Certificate

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SPECIFICATIONS

Model		YSL/YSI-655
pH Range	pH Range	-2.000 ~ 20.000pH
Resolution		0.001, 0.01, 0.1pH Selectable
Accuracy		±0.002pH
Calibration Points		Up to 5 points
pH Buffer Option		USA, (pH 1.68, 4.01, 7.00, 10.01, 12.45), NIST (pH1.68/4.01/6.86/9.18/12.45), DIN (pH1.09, 4.65, 6.79, 9.23, 12.75)
ORP (mV) Range / Calibration	ORP	0 ~ ± 1999.9mV / 1 point
Resolution		0.1/1mV, Selectable
Accuracy		±0.2mV
Measuring Mode		Absolute mV or relative mV
Conductivity Range	Conductivity	0~200mS/cm
Resolution		0.01/ 0.1/ 1
Accuracy		±0.5% Full Scale
Cell Constant		0.0/ 1/ 10 User defined
Temperature Coefficient		0.0~10.0% per °C
Calibration Points		Up to 5 points
Calibration Solutions		10µS/cm, 84µS/cm, 1413µS/cm, 12.88µS/Cm, 111.8µS/Cm
Compensation Modes	TDS	Linear or Pure Water
TDS Range		0~10ppt (Max.200ppt, Depending on factor setting)
Resolution		0.01/ 0.1/ 1
Accuracy		±1% Full Scale
TDS Factor	Salinity	0.0~1.0
Salinity Range		0~80ppt
Resolution		0.01/ 0.1/ 1
Accuracy		±1% Full Scale
Measurement Mode	Resistivity	Practical Salinity (PSU) or Sea Water Measurement Standard (ppt)
Resistivity Range		0~100MΩ
Resolution		1/ 0.1/ 0.01
Accuracy	Temperature	±1% Full Scale
Temp. Range		0~100°C
Temp. Compensation		Automatic or Manual
Temp. Accuracy		±0.5°C
Auto- Off Function	General Specific.	10/ 20/ 30 minutes after last key pressed
Reset & Auto Hold Function		Yes
Electrode Diagnosis		Slope, Offset
Stability Conditions		High or Low, Selectable
Calibration due reminder		1 to 30 days, Selectable
Memory		500 data sets with Date / Time
Connector		(pH) BNC 6- Pin connector (Conductivity R)
Dimensions (L x W x H) & Weight		310 x 250 x 190mm & 2kg

★ Specifications are subject to change without notice.