

# SP-600

## *Water Multimeter & Colorimeter in ONE*

The Pyxis SP-600 is a unique handheld multimeter specifically designed to provide added value and ease of use to the Industrial, Environmental, Commercial and Municipal Water market users. This military grade device is capable of instantly measuring up to 5 key water parameters simultaneously and also offers colorimetric Free & Total DPD Chlorine.

- Conductivity
- TDS
- Resistivity
- pH
- ORP
- Temperature
- Free DPD Chlorine (0.02-2.2ppm)
- Total DPD Chlorine (0.02-2.2ppm)

The SP-600 is fully waterproof and industrialized. Pyxis has integrated a fully molded screen to ensure a water-proof seal under a pressurized manufacturing environment. The device itself also contains an integrated humidity sensor to ensure a water-free electronic environment.

The simplicity of the one-handed operation is empowered by the Pyxis Inc. proprietary technology that combines electrochemical and optical measurements in a cuvette-less platform. The SP-600 platform offers Bluetooth connectivity between the pH/ORP module and base unit and allows wireless data upload via the uPyxis APP.



### Typical Applications

- Industrial Water & Process
- Municipal Water & Wastewater
- Domestic Water & Environmental
- Brackish Water & Process

SP-600 Bluetooth Wireless pH/ORP Module



## Specifications

Item		SP-600
	Conductivity	1~200,000 $\mu\text{S}/\text{cm}$ with ATC. $\pm 1\%$ or $\pm 0.2\mu\text{S}/\text{cm}$ precision
	TDS ppm	$\mu\text{S}/\text{cm} \times 0.67$ Default Display Adjustable via uPyxis APP
	Resistivity	10-30 Megohm $\pm 1\%$
	pH	0~14 with ATC, $\pm 0.01$ pH unit precision
	ORP	$\pm 1500\text{mV}$ , $\pm 1\text{mV}$ precision
	F/T Cl2 ppm	Free & Total DPD Chlorine (0-2.2ppm) $\pm 0.01\text{ppm}$
	Temperature	0~70 °C (32~160°F) $\pm 0.1^\circ\text{C}$ ( $\pm 0.18^\circ\text{F}$ )
Storage temperature		-20 °C ~ 60° C (-4~140°F)
Operational temperature		0° C ~ 40° C (32~104°F)
Sensor module		pH/ORP, replaceable, wireless, replaceable battery
Typical sensor life		pH/ORP – 12 months Conductivity - 5 years
Protection grade		IP67, fully dust and waterproof
Regulation		CE
Display		Color LCD, visible under direct sunlight
Power supply		(4) AA alkaline batteries
Typical battery life		10,000 readings
Data Storage & Transfer		8GB Data Storage w/Timestamp & Bluetooth Upload via uPyxis APP
Dimension (L x W x H)		208 x 80 x 45 mm (8.19 x 3.15 x 1.77 inches)
Weight		520 g (1.15 lbs) w/out batteries
*With Pyxis' continuous improvement policy, this specification is subject to change without notice.		

## Features

- Breakthrough technology combines the following in a single rugged one-handed meter.
- pH/ORP/Conductivity/TDS/Resistivity/Temp/Free & Total DPD Chlorine
- Uses traditional DPD Free & Total Powder Pillows (*Pyxis or Conventional Supplier*)
- Waterproof Bluetooth Enabled potted battery powered pH/ORP Module
- Requires NO disassembly in the field for pH/ORP Module Replacement
- Intelligent sensor aging and humidity detection capability.
- Record up to 8G historical data with a calendar time mark and options to set up sample location information with wireless upload via uPyxis APP for mobile or desktop devices
- Long battery life - 10,000+ readings
- Color Screen with Parameter Lock-Function after stabilization

### Ordering Information

SP-600 Multi-Meter (pH/ORP/Conductivity/TDS/Resistivity/Temp/DPD-F&T Cl <sub>2</sub> )	P/N	50353
Replacement Bluetooth pH/ORP Module		50315
Pyxis Free DPD Chlorine Powder Pillow (x100 Pack)		57002
Pyxis Total DPD Chlorine Powder Pillow (x100 Pack)		58-1
Pyxis 1ppm DPD Chlorine Secondary Standard Sol. (125mL)		21039
Pyxis 2ppm DPD Chlorine Secondary Standard Sol. (125mL)		21040

### Related Products

pH 4-7-10 Combination Calibration Std Kit (500mL each)	P/N	57007
Conductivity Calibration Std 1,000uS/cm (500mL)		57008
ORP Calibration Std 200mV (500mL)		57020
Pyxis Handheld Device Sample Well Cleaner (500mL)		SER-02
10mL Sample Vial (for Chlorine Reagent Test Preparation)		MA-24
pH/ORP Storage Solution (70mL)		63900



ABOVE- Pyxis DPD Free & Total Chlorine Powder Pillows – 10mL  
BELOW – Prepare DPD in 10mL Vial Provided and Pour to SP-600

