

## OXIGO

### SP-208 Pocket Free/Total Chlorine (LR/HR) Colorimeter

#### **Product Description**

The SP-208 OXIGO™ is a unique pocket colorimeter specifically designed for measurement of free and total chlorine at low and high ranges (0.02–2.2ppm LR; 0.1–10.0ppm HR) in both Industrial & Municipal water treatment marketplaces. The SP-208 offers colorimetric testing of this common oxidizing biocide/disinfectant using both Pyxis Lab® and conventional reagents. This handheld unit offers a simple user interface and an advanced live graphical display making Chlorine measurement effortless for water treatment professionals.

The SP-208 is factory calibrated & may be field calibrated utilizing our DPD Chlorine Secondary Standard (1 or 2ppm). For rapid accuracy verification, users may also desire to utilize our DPD Chlorine Secondary Verification Kits. These kits consist of pre-made vials set to a specific Chlorine concentration. In the field, users can easily verify their handheld accuracy by inserting a pre-made vial and testing to match the vials concentration. Raw material qualities vary globally and as such field calibration may be required by the user to adjust for lower quality raw material used in point of application. This device is Bluetooth® 5.0 enabled for data log transfer, firmware updates and screen customization via the uPyxis® mobile and desktop app.

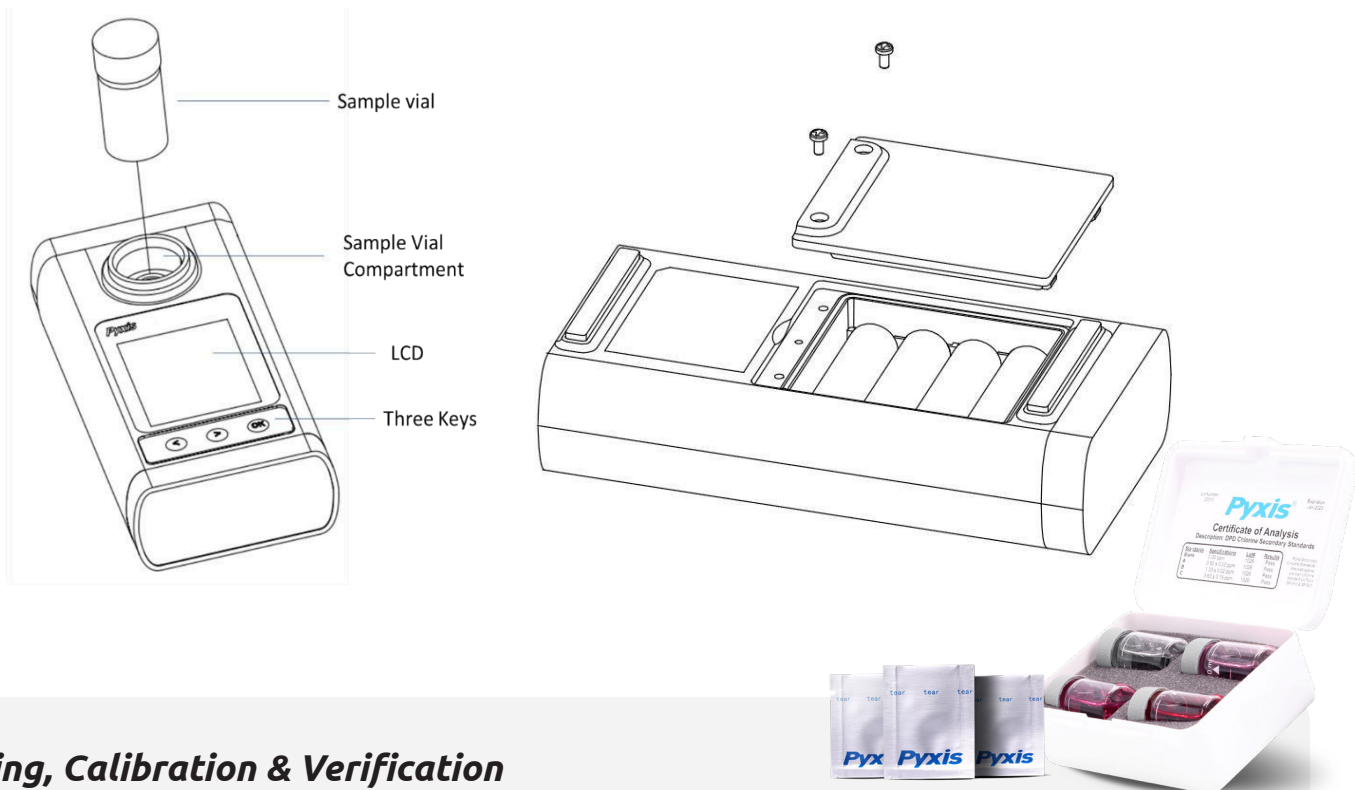
#### **Features**

- Utilizes both Conventional & Pyxis Lab® Powder Pillow Reagents
- Fully Integrated Test Times with Live Graphical Display of the Residual
- Meets EPA 334.0 - DPD Testing Guidelines for Drinking Water
- Bluetooth® Integrated for Wireless Data Transfer & Customization
- Data Logging - 30,000 Group Storage
- Users may set Date, Time, Language, Screen Auto Off Time, Meter Auto Off Time directly on the OXIGO

## Specifications

Item	SP-208 OXIGO Chlorine
P/N	63068
Low Chlorine Range	0.02–2.2ppm (Free or Total Chlorine)
High Chlorine Range	0.1–10ppm (Free or Total Chlorine)
Temperature Range	40–106 °F (4–41 °C)
Humidity	85% at 106 °F (41 °C)
Data Storage	30,000 Group Storage via Bluetooth®
Display	340x220 TFT-LDC; Visible Under Direct Sunlight
Power Supply	(4) AA Alkaline Batteries
Typical Battery Life	10,000 Readings
Cuvette/Sample Vial	10mL/24mm Diameter Cuvette (MA-24)
Dimensions	6.69in (170mm) L x 3.15in (80mm) W x 1.77in (45mm) D
Weight	0.88lbs (400g)
Enclosure Rating	IP67
Regulation	CE/RoHS

## Diagram



### Testing, Calibration & Verification

- Utilize ANY conventional powder pillow reagents or Pyxis Lab powder pillow reagents
- To verify Low Range Chlorine Accuracy, utilize our DPD Low Range Verification Kit (0–2.2ppm)
- To verify High Range Chlorine Accuracy, utilize our DPD High Range Verification Kit (>2.2ppm)
- Calibrate to 1 or 2 ppm utilizing our DPD Chlorine Secondary Standard Calibration Solution

**Order Information**

	<b>Part Number</b>
SP-208 OXIGO Chlorine	63068
Free Chlorine Powder Pillows (100 Count)	31002
Total Chlorine Powder Pillows (100 Count)	31014
10mL Sample Vial	MA-24
25mL Sample Vial	MA-25
DPD 1.0ppm Chlorine Secondary Standard (125mL)	50725
DPD 2.0ppm Chlorine Secondary Standard (125mL)	21039
DPD Chlorine Verification Low Range Kit	31102
DPD Chlorine Verification High Range Kit	31563

**HACH® Chlorine Reagents**

	<b>Part Number</b>
DPD Free Chlorine LR Powder Pillow Reagents	21055-69
DPD Total Chlorine LR Powder Pillow Reagents	21056-69
DPD Free Chlorine HR Powder Pillow Reagents	14070-99
DPD Total Chlorine HR Powder Pillow Reagents	14064-99