Waltron

EXPERTS IN
WATER CHEMISTRY
SINCE 1903

4165P Ultra-Portable Luminescent Dissolved Oxygen Analyzer

Advanced Dissolved Oxygen Monitoring with Waltron's 4165P Ultra-Portable Analyzer

The Waltron 4165P Ultra-Portable Luminescent Dissolved Oxygen Analyzer combines innovative optical technology with superior support for precise oxygen monitoring while on the go. Offering minimal maintenance and long-term stability, it ensures accurate readings at sub-ppb levels. Ideal for critical water analysis, the 4165P delivers reliable performance across various industries.



Key Features

- Extremely lightweight and portable, but solid and durable for hard industrial use
- Easy to configure, capable of displaying dissolved oxygen as ppb, ppm, or %O2
- Comes with one USB 4-20mA output (optional USB datalogger not included)
- Simple, intuitive menu, with soft-touch buttons
- Range: 0-200ppb, 0-2000ppb, 0-20ppm (non-configurable by user)
- Internal battery provides over ten hours of continuous use between charges
- Built-in charger connects to standard 110-240VAC cable
- Integrated battery charge state display
- Easy to tap into sample lines with side in- and out- hose connections
- Integrated carrying handle (optional carrying case)

Get in Touch

Waltron Group Headquarters
25 Minneakoning Road, Suite 101
Flemington, NJ 08822 USA

Main: +1 908-534-5100
Fax: +1 908-534-5546
info@waltron.net

Waltron | EXPERTS IN WATER CHEMISTRY SINCE 1903

4165P Specifications

Specifications

Parameter: Dissolved Oxygen (Portable Unit)

Technology: Luminescent (Optical)

Range(s): 0-200ppb, 0-2000ppb, 0-20ppm (non-configurable by user)

Accuracy: ±0.6ppb at 1ppb or 2% of measured value

Sample Streams: 1

Cycle Time: One sample every 30 seconds

Analog Outputs: (1) 4-20mA current output

Calibration Method: Process

Calibration Method: Every 2 years (including sensor spot renewal)

Ambient Conditions: 0-55°C (32-131°F)

Sample Temperature: 0- 55°C (32°F - 131°F)

Sample Flow/Pressure: Max 145psig (10bar)

Mechanical

Power: 90-265vAC 15W max

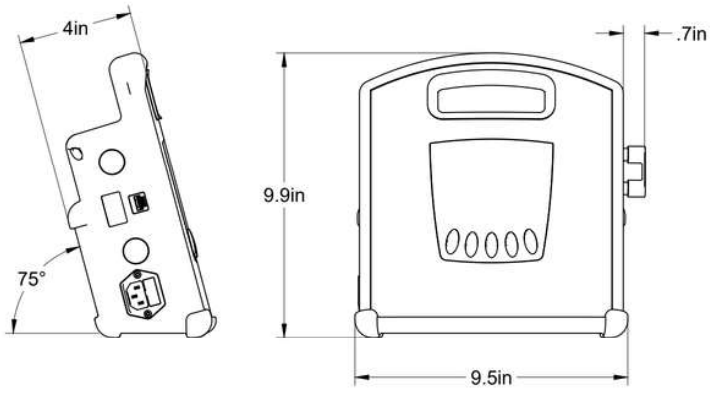
IP Rating: IP 66

Dimensions: Front panel 144 x 144mm (Panel-cut out: 138 x 138mm)

Weight: 3kg (6 lbs)

Mounting: Portable

Materials: Durable plastic, rubber



Main: +1 908-534-5100
Fax: +1 908-534-5546
info@waltron.net