WIRA INSTRUMENTATION Chemical Oxygen Demand Meter

Accurately measure multiple key wastewater quality parameters

One meter can be used for both photometric and pH measurements.

The Chemical Oxygen Demand (COD) parameter is included for industrial and municipal wastewater treatment. The Phosphorous and Nitrogen parameters included are beneficial to municipal wastewater treatment customers that need to monitor their biological and chemical nutrient removal process. This photometer features an innovative optical system that uses LEDS, narrow band interference filters, focusing lens and both a silicon photodetector for absorbence measurement and a reference detector to maintain a consistent light source, which ensures accurate and repeatable photometric readings every time.

Two USB ports are provided for transferring data to a flash drive or computer and to use as a power source for the meter. For added convenience and portability the meter can also operate on an internal rechargeable battery. A digital pH electrode input is provided allowing the user to measure pH by a traditional glass electrode. Digital pH electrode not included.

Good Laboratory Practice (GLP) allows meter to track calibration information including date, time, buffers used, offset and slope for traceability. CAL Check alerts users to potential problems during calibration process.

Key Features

- ✔ *Built-in reaction timer for photometric measurements*
- ✔ *Units of measurement plus chemical form displayed*
- ✔ *Result conversion at the touch of a button*
- ✔ *pH and temperature measurement with a single probe*
- ✔ *Battery status indicator*
- ✔ *Error messages*

Dimensions: 206mm x 177mm x 97mm
Weight: 1.0kg
Environment: 0 to 50.0°C
Logging Memory: 1000 readings

Accessories: For safety, the optional Lab Safety Shield and Test Tube Cooling Rack are strongly recommended.

Order Code: COD:001

WIRA INSTRUMENTATION
Tested to be Trusted

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