



Dissolved Oxygen Meter 314



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Dissolved Oxygen Meter 314

SYSTRONICS Micro controller based D.O. meter 314 is handheld, rugged and user friendly. Simple to operate and extended range is ideal for laboratories and field for quick and accurate D.O. Measurement. Instrument can be operated on 9V battery or on mains by using external adaptor (9V-12V). Dissolved Oxygen Meter measures the amount of dissolved oxygen gases in solution.

Salient Features

Measures Concentration of D.O. (up to 20 ppm) and Temperature (up to 0° C to 50° C) Accurate results under varying condition such as salinity, Temperature and pressure compensation.

Applications

D.O. meter can be used in field of Environmental monitoring Laboratories, Water Treatment Plants, Aquaculture, Aquarium and Fermentation applications.



SPECIFICATIONS

Oxygen Measurement

Range : 0-20 ppm

Accuracy : ±1 % of full scale

Resolution : 0.1 ppm

Temperature Measurement

Range : 0 to 50° C

Accuracy : ±0.5° C

Resolution : 0.1° C

Temperature compensation: 0 to 50° C

Salinity compensation : 0-50 ppt

Pressure

(Barometric correction) : 500 to 1499 mm Hg

Display : 1 line, 8 characters LCD

Power : 9V battery or mains adaptor 9-12V

Dimension : 80(W) X 42(D) X 175(H) mm

Weight : 500gm (Approx)

Sensor D O Probe : Gold and Silver with FEP Gas

permissible membrane

Temperature Probe : PT 100

Accessories : a) Combined D.O. and Temp.

Probe along with protective cover

b) 9 V battery

c) FEP Teflon membrane

