



Micro Controller Based Turbidity Meter CL 810 & CL 880, D. O. METER CL 930



CHEMILINE Nephlo-Turbidity Meter CL 810 & CL 880 is an accurate instrument designed for conducting Nephlo- metric & Turbidity measurement of suspended particles in Solutions.

The application for such measurements is vast in Municipalities, Public health, Sewage works and in industrial establishments for determining quality of water.

The principle of operation of this instrument is based on the known law of Tyndall Effect. A beam of light passing through a turbid liquid being tested, scatters the light which, in turn, is collected at right angle by a Photocell & indicates on a display. The amount of scattered light is proportion to turbidity of the solution under test.

CL 810



• Specifications

CL 810

Range	: 0-1 NTU, 0-10 NTU, 0-100 NTU, 0-1000 NTU
Accuracy	: $\pm 3\%$ of F.S. in 0-1 & 0-1000 NTU Range (up to 500) [due to nature of samples readings may not be linear above 500] $\pm 2\%$ of F.S. in 0-10 & 0-100 NTU Range
Reproducibility	: With in $\pm 3\%$ OF F.S.
Detector	: Photo-Cell
Display	: Digital Panel Meter

CL 880



CL 880

Range	: 0-1 NTU, 0-10 NTU, 0-100 NTU, 0-1000 NTU
Accuracy	: $\pm 2\%$ of F.S. in 0-1 & 0-1000 NTU Range (up to 500) [DUE TO NATURE OF SAMPLES READINGS MAY NOT BE LINEAR ABOVE 500] $\pm 1\%$ of F.S. in 0-10 & 0-100 NTU Range
Reproducibility	: With in $\pm 3\%$ OF F.S.
Detector	: Round Photo - Cell
Display	: 20* 4 DIGIT LCD.
Calibration	: with Formazine Standard Solution
Power supply	: 230 \pm 10 % 50 Hz, 30W

CL 930



CL 930

Display	: 2 ½ Digit LCD
D.O. Range	: 0 To 20 PPM
Temp.	: -5 To 45 °c
Accuracy	
D.O.	: + 1 % Of Full Scale
Temp.	: + 1 °c
Resolution	
D.O.	: 0.1 PPM
Temp.	: 0.1 °c

Labline Technologies Pvt. Ltd.