

# DIGITAL NEPHELOMETER

MODEL : DN 1000



## INTRODUCTION

Clarity of water is extremely important in products destined for human consumption. Suspension free water is also considered necessary for industries manufacturing beverage, food products etc.,. Similarly, minimum limits of turbidity are required to be observed in drinking water & sewage disposals.

SANSEL Digital Nephelometer Model DN 1000 are ideal instruments for measurement of suspensions. They consist of a light source focused on a test tube containing the sample solution under test. The light, reflected at right angle to the focused light by the suspension in the solution is detected by the photo electric detector, amplified and displayed on a 3½ digit LED display.

## FEATURES

- ✓ 3 ½ digit 7 segment LED
- ✓ 2 Range selection
- ✓ Light Emitting Diode (LED) light source
- ✓ Zero & SPAN calibration from front panel
- ✓ Compact size
- ✓ Power ON/OFF indicating switch
- ✓ 230V AC operating supply

## Technical Specifications

Features	Values
Model	DN 1000
Range	0 to 19.9 & 199.9 NTU
Resolution	0.1 NTU
Detector	Photo Diode
Display	0.5" 3 ½ digit 7 segment Red LED
Test Tube	30mm dia clear glass test tube x 4 nos
Light Source	High intensity 5mm White LED
Operating Environment	0 to 50 °C / 20 to 95 % RH non condensing
Power supply	230V AC / 50 Hz ± 10%
Overall Dimension in mm	220 x 200 x 105 (L x B x H)
Instrument Weight	1.7 kg (Approx.)

Note: Due to continuous product improvements, Published specifications may change with out notice

## Standard Delivery

1. Basic Instrument
2. Glass Test Tube – 4 nos
3. Power cord
4. Instruction manual



## SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879  
( Thermal, Mechanical, Electro-Technical, Dimension Parameters )

1 / 46 , 3<sup>rd</sup> Main road, Ganga Nagar, MMDA Colony , Maduravoyal , Chennai - 600 095. INDIA  
☎ +91 44 2378 3951, 📞 +91 72999 72085 / 86 / 93, 📞 +91 98401 49928 ✉ enquiry@ sansel.net

🌐 [www.sansel.net](http://www.sansel.net)

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