

NEPHELOMETER / TURBIDITY METER

CL 52D

PRODUCT SPECIFICATION SHEET



Table Top



LED Display



Test Tube



SALIENT FEATURES

- ▷ For measurement of Turbidity levels of dispersant in Liquids, by Scattering of Light.
- ▷ Compact, rugged & easy to operate Laboratory Instruments.
- ▷ Useful for determination of Sulphate, Phosphate, Chloride, Zn, Ag, etc., by ASTM procedure.
- ▷ Extendable for measurement of Inhibition growth of some anti-microbial agents.

APPLICATIONS

- ▷ Control of Portable Water (Function of Filters).
- ▷ Monitoring the Quality of Raw Water and Products of Food Industry.
- ▷ Assessing suitability of Boiler Feed & Industrial Process Water.
- ▷ Water Pollution Analysis.
- ▷ Measurement of Concentration of sediments in Waste Water.
- ▷ Estimation of Transparency of Bear, Alcoholic Beverage, Fruit Juices and Various Products of Pharmaceutical & Chemical Industries.
- ▷ Estimation of concentration of Insoluble substance in Liquids.



Water



Mines & Geology



Pharmaceutical



Food & Beverages



Chemical



Environmental & Pollution



Waste Water



Agriculture

SPECIFICATIONS

PARAMETERS	NTU	
Range	0 to 200	200 to 1000 NTU *
Readability	0.1	1.0
Accuracy	2% of Reading	Non Linear
Repeatability	1% of Reading	1% of Reading

LIGHT SOURCE	Tungsten Halogen Lamp	DETECTOR	Photo Diode
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DATA PRESENTATION	POWER REQUIREMENT
Readout	3½ digit 7 segment LED of 12.7mm height
	230 V ± 10% AC, 50 Hz, 1ϕ, 20 VA Max.

PHYSICAL DIMENSIONS	
Size (WxDxH) in mm	310 x 200 x 135
Weight (in kg)	Approx. 3

ACCESSORIES SUPPLIED	
With Instrument	Matched Test Tubes

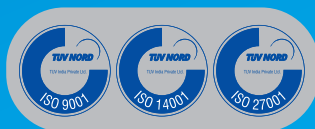
* Based on Formazine (Hydrazine Sulphate and Hexamine) Standard.

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