

DIGITAL TURBIDITY METERS

33/34

TECHNICAL SPECIFICATIONS

Product	Digital Turbidity Meter (LH-33)	Digital Nephelometer (LH-34)
DISPLAY	3½ Digit LED	3½ Digit LED
DETECTOR	Photocell/Photodiode	Photocell/ Photodiode
RANGE	0 to 1000 NTU in 2 ranges	0 to 200 NTU in 2 ranges
RESOLUTION	1 NTU	0.1 NTU
ACCURACY	± 3% FS ± 1 digit	± 2% FS ± 1 digit
SAMPLE SYSTEM	60 x 25mm Clear Glass Test Tube	
LIGHT SOURCE	LED	
POWER	230V ± 10%, 50Hz. AC	
DIMENSIONS	280 x 175 x 110 mm	
ACCESSORIES	• Test Tubes Set • Operation Manual • Dust Cover	



SALIENT FEATURES

- ✓ Display - 3½ digit LED
- ✓ 30mm flat bottom Test Tube
- ✓ Range 0-1000 NTU (in Model 33)
- ✓ Ranges 0-200 NTU (in Model 34)
- ✓ Highly Stable & Accurate

DIGITAL PHOTO FLUOROMETER

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TECHNICAL SPECIFICATIONS

FLURO SENSITIVITY	Full scale deflection obtained with 1 ppm quinine sulphate in 0.1 N sulphuric acid (primary wavelength 360 nm)
DISPLAY	3 digit 7 segment Red LED
EXCITATION SOURCE	12V, 50 W Tungsten Halogen lamp
SENSITIVITY RANGE	Adjustable in 4 ranges
PRIMARY FILTERS	Corning 5840 and Corning 5113 mounted on holders
SECONDARY FILTERS	Corning 4308, Corning 3486 and Corning 3385 mounted on holders
DETECTOR	Highly sensitive wide range Photodiode / Photocell
SAMPLE TEST TUBES	15 mm (D) x 80 mm (H)
MINIMUM SAMPLE	4 ml
POWER	230 V ± 10% AC, 50 Hz.
WEIGHT	4.5 Kg (approximately)
DIMENSIONS	260 x 335 x 160mm (LxBxH)

SALIENT FEATURES

- ✓ 3 Digit Seven Segment LED Display
- ✓ Covers Entire Visible Range
- ✓ Determines the Concentration of Fluorophores & Quinine



ACCESSORIES

Test Tubes	Set Of 5
Dust Cover	1 No.
Instruction Manual	1 No.
Primary & Secondary	Set of 5 Filters



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Laboholic



FDA CE

