

## FLUORIMETER

# CL 53

PRODUCT SPECIFICATION SHEET



Table Top



LED Display



Test Tube



### SALIENT FEATURES

- ▶ Highly sensitive, a full scale reading of 199.9 can be adjusted even with 0.2 ppm of quinine sulphate solution in 0.1 N sulphuric acid & primary filter of peak transmission at 366 nm.
- ▶ Only 5 ml of sample needed.
- ▶ Range Selection in four steps.
- ▶ Coarse & Fine gain Adjustment and Offset Adjustment.
- ▶ Separate power 'ON' switch for Lamp to conserve life of the Lamp.

### APPLICATIONS

- ▶ Analysis of Pharmaceutical products, particularly Vitamins.
- ▶ Metallurgy.
- ▶ Chemical Industries.
- ▶ Research Institutions.



Chemical



Research



Pharmaceutical



Academic



Mines & Geology

## SPECIFICATIONS

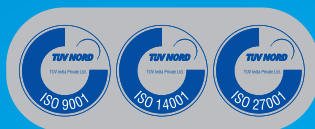
<b>RANGE</b>		<b>PEAK TRANSMISSION OF FILTERS</b>	
0 to 0.2, 2, 20 & 200 ppm (w.r.t. Quinine Sulphate)		<b>Primary</b>	366 nm
		<b>Secondary</b>	Long pass, Cut-off at 475 & 515 nm
<b>LIGHT SOURCE</b>		<b>DETECTOR</b>	
Mercury Lamp		Photo Diode	
<b>DATA PRESENTATION</b>			<b>ACCESSORIES SUPPLIED</b>
<b>Readout</b>	3½ digit 7 segment LED of 12.7mm height		<b>With Instrument</b>
			Primary Filter
			Secondary Filters
			Matched Test Tubes ; and
			10 ppm Quinine Sulphate Solution
<b>PHYSICAL DIMENSIONS</b>	<b>INSTRUMENT</b>	<b>POWER PACK</b>	
<b>Size (WxDxH) in mm</b>	390 x 230 x 240	165 x 220 x 125	
<b>Weight (in kg)</b>	Approx. 8.5	Approx. 6	
<b>POWER REQUIREMENT</b>			
230 V ± 10% AC, 50 Hz, 1φ, 125 VA Max.			

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