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Catalogue



VIKING250 Table Top Laboratory Turbidity Meter

COLO VIKING250 series Features:

- 4.3 inch color LCD screen with friendly UI.
- Illuminated and protected display.
- Contain 2000 curves and customize high precision test curve according to measurement ranges. Users can set up different piecewise curve and coefficient subject to different concentrations which will literally improve measurement precision (GLP-compliant).
- 1-6 points calibration using Formazin standards or zero water.
- Selectable turbidity units, including the NTU, FNU and EBC.
- 2 photodiodes to ensure high accuracy.
- 850nm LED light source.
- Settable parameters, including user ID, number of calibration points, data and time, etc.
- Adopt special and high precision light filter system to ensure the instruments stability and accuracy.
- Cold light source, narrowband interference, with long lifetime up to 100,000 hours.
- Data stored can be transferred into the computer by USB or RS-232 communication interface.
- Uses Nephelometric principle with 90° detection.



4,3" Color LCD Screen



Auto recognition of 25 buffers



Data Transfer via USB

Data stored can be transferred into the computer by USB or RS-232 communication interface



Support up to 6 point calibration



2000 Sets of calibration curve can be stored

Type	VIKING255	VIKING256	VIKING257
Adopted for measuring turbidity in	Drinking water turbidity	High Precision Turbidity	Smart Turbidity
Measuring range	0-100 NTU	0-1000 NTU	0-1000 NTU
Readout NTU	0,001	0,01	0,001/0,01 NTU
Measuring Range NTU/Resolution	0-10/0,001 NTU	0-20.00/0,01 NTU	0-10/0,001 NTU
	0-100/0,1 NTU	20.0-200.0/0,1 NTU	0-100/0,01 NTU
	-	200-1000/1 NTU	0-1000/0,1 NTU
Light Source	LED light		
Display	LCD		
Calibration	1-6 point calibration		
Accuracy	±2% + 0,01 NTU 0-100	±2% + 0,01 NTU 0-1000	±1% + 0,01 NTU 0-1000
Repeatability	± 1% of reading or ± 0.01 NTU, whichever is greater (under reference conditions)		
Allowed error	±2% of reading		
Data capacity	2000		
Ambient temperature	5-40C		
Data transfer	USB or RS-232		
Standard packing	Calibration standard set (0,02 NTU, 10 NTU, 1000 NTU), Power cord, Instruction manual, Dust protection cover, Cuvette set		
Optional	Calibrations standards, Tungsten lamp, Wolfram light source, Bluetooth, Different calibration standards		
Power supply	220V±10% 50Hz		
NW/GW	3,5/4,5 kg		



Measuring slot



5pcs turbidity cuvette set