

# Ratio Turbidimeter Series

## WGZ-4000 / WGZ-2000 / WGZ-1000 / WGZ-500 WGZ-200 / WGZ-100 Ratio Turbidimeter

### Characteristics

- Measurement of light scatter and decay of the insoluble particles suspended in water or transparent liquids;
- Quantitative analysis of particle contents.

### Specifications

Parameters/Model	WGZ-4000	WGZ-2000	WGZ-1000
Light source	Tungsten halogen lamp 6V, 10W	Tungsten halogen lamp 6V, 10W	Tungsten halogen lamp 6V, 10W
Receiving element:	Silicon photocell	Silicon photocell	Silicon photocell
Measurement range NTU	0.00-50.0;50.1-200; 200.1-2000;2000.1-4000 (automatic range switchover)	0.00-50.0;50.1-200; 200.1-2000 (automatic range switchover)	0.00-50.0;50.1-200; 200.1-1000 (automatic range switchover)
Readings display	LCD touch screen	LCD touch screen	LCD touch screen
Minimum reading	0.001	0.001	0.001
Allowable error of indication	≤ ± 6%	≤ ± 6%	≤ ± 6%
Zero Drift	≤ ± 0.3%FS	≤ ± 0.3%FS	≤ ± 0.3%FS
Stability of indication	≤ ± 1%FS	≤ ± 1%FS	≤ ± 1%FS
Repeatability	≤ 0.5%	≤ 0.5%	≤ 0.5%
Sample bottle	Φ 25 mm × 95 mm	Φ 25 mm × 95 mm	Φ 25 mm × 95 mm
Data storage:	1000 sets	1000 sets	1000 sets
Calibration modes	7	6	5
Sample volume	30--40 ml	30--40 ml	30--40 ml
Interface	USB/U disk	USB/U disk	USB/U disk
Weight (Gross)	9kg	9kg	9kg
Overall dimensions	430mm x 430mm x 300mm	430mm x 430mm x 300mm	430mm x 430mm x 300mm



WGZ-4000

### Specifications

Parameters/Model	WGZ-500	WGZ-200	WGZ-100
Light source	Tungsten halogen lamp 6V, 10W	Tungsten halogen lamp 6V, 10W	Tungsten halogen lamp 6V, 10W
Receiving element:	Silicon photocell	Silicon photocell	Silicon photocell
Measurement range NTU	0.00-50.0;50.1-200; 200.1-500 (automatic range switchover)	0.00-50.0; 50.1-200 (automatic range switchover)	0.00-50.0; 50.1-100 (automatic range switchover)
Readings display	LCD touch screen	LCD touch screen	LCD touch screen
Minimum reading	0.001	0.001	0.001
Allowable error of indication	≤ ± 6%	≤ ± 6%	≤ ± 6%
Zero Drift	≤ ± 0.3%FS	≤ ± 0.3%FS	≤ ± 0.3%FS
Stability of indication	≤ ± 1%FS	≤ ± 1%FS	≤ ± 1%FS
Repeatability	≤ 0.5%	≤ 0.5%	≤ 0.5%
Sample bottle	Φ 25 mm × 95 mm	Φ 25 mm × 95 mm	Φ 25 mm × 95 mm
Data storage:	1000 sets	1000 sets	1000 sets
Calibration modes	4	3	3
Sample volume	30--40 ml	30--40 ml	30--40 ml
Interface	USB/U disk	USB/U disk	USB/U disk
Weight (Gross)	9kg	9kg	9kg
Overall dimensions	430mm x 430mm x 300mm	430mm x 430mm x 300mm	430mm x 430mm x 300mm