



## PGZ-1000

# PRECISION TURBIDITY METER (LCD TOUCH SCREEN)

### Introduction

TOP INSTRUMENT LCD Touch Screen Precision Turbidity Meter used for measuring the turbidity of a liquid sample. It is designed for use in a wide range of applications such as water quality testing, wastewater treatment, and food and beverage production. It has a compact and durable design, making it easy to use and transport. The instrument has a range of turbidity settings that can be adjusted to suit the specific needs of the experiment or procedure.

### Features

- 7 inch LCD touch screen panel.
- Tungsten lamp light source meet USEPA-180.1 requirement.
- 3 photodiodes to ensure high accuracy.
- 1-8 points calibration with Formazin standards or zero water.
- Auto range switch from 0-2000 NTUs.
- Data storage of 1000 sets (GLP-compliant).
- RS232 and USB interfaces for output.
- Reset function to resume all settings to factory default settings.

### Technical Parameter

Light source	Tungsten halogen lamp 6V,10W
Receiving element	Silicon photocell
Measurement range NTU	0.00-50.0 50.1-200
	200.1-1000
	(automatic range switchover)
Readings display	LCD Touch Screen
Minimum Reading	0.001
Allowable error of indication	$\leq \pm 6\%$
Zero Drift	$\leq \pm 0.3\%FS$
Stability of indication	$\leq \pm 1\%FS$
Repeatability	$\leq 0.5\%$
Sample bottle	$\Phi 25mm \times 95 mm$
Data storage	1000 sets
Calibration	5 points
Sample volume	30--40 ml
Interface	USB/RS232
Overall dimensions/Weight	430mm*430mm*300mm/9 Kg