PGZ-2000、2000A、4000、4000A100

ELECTRONIC TURBIDITY METER

Introduction

TOP INSTRUMENT Electronic Turbidity Meter is used to measure the scattering degree of light produced by insoluble particulate matter suspended in water or transparent liquid, and can quantitatively characterize the content of these suspended particulate matter. It can be widely used in turbidity measurement in power plants, pure water plants, tap water plants, domestic sewage treatment plants, beverage plants, environmental protection departments, industrial water, wine making and pharmaceutical industries, epidemic prevention departments, hospitals and other departments.

Features

• Microcomputer, touch keyboard, LCD backlit liquid crystal display, standard serial RS232 data communication interface.

• Special high-intensity and long-life light source, year, month, day and time display, with data storage and query function, which can meet GLP requirements.

• Data non-linear processing and data smoothing function, fast automatic multi-point correction, self-diagnosis information prompt, optional automatic or manual range switching.

• Quickly set the average measurement mode to get correct data in the shortest time, especially suitable for extremely low turbidity measurement, and can measure unstable water samples.

• Accurate optical path system, reliable positioning structure, effective chromaticity compensation, direct reading turbidity value.

• Optional spectrum measurement unit, multiple measurement modes, optional flow sampling device, can realize continuous measurement, optional external or built-in printer (specify when ordering).

Technical Parameter

Model	PGZ-2000	PGZ-2000A	PGZ-4000	PGZ-4000A
Measuring principle	$90°$ scattered light			
Min indication (NTU)	0.001	0.01	0.001	0.01
Measuring range (NTU)	0～10、0～100、0～1000、0～2000		0～10、0～100、0～1000、0～4000	
Indication error	±6% (±2% F.S、±3% F.S、±5% F.S)			
Repeatability	≤0.5%			
Zero drift	±0.5% F.S			
Features	Microcomputer configuration, with average measurement mode, year, month, day and time display, with data storage and query functions, automatic range switching, automatic zero adjustment and automatic calibration at 1 to 5 points, equipped with RS232 data communication interface. Note: "P" after the model number indicates that it is equipped with a built-in printer			