

CJZ7J(A) | CJZ10J Laser Gas Drainage Comprehensive Parameter Tester



Application:

CJZ7J(A)/CJZ10J Laser Gas Drainage Comprehensive Parameter Tester is a new generation of multi-functional and portable device which can upload information in real-time. It integrated the latest laser gas analysis technology, rapid sampling technology and location reporting technology to meet the needs of periodic measurement during drilling and drainage.

Features:

- It adopts the laser detection technology to measure the methane concentration quickly and accurately; it has rich functions, and can simultaneously measure up to 10 parameters;
- The sampling interface is flexible and suitable for single hole sampling and draft tube sampling;
- The tester has localization function of devices (for use with the corresponding system);
- Measurement data can be uploaded wirelessly in real time (for use with the corresponding system);
- With flexible operation mode, it can be used alone or with an optional intelligent terminal;
- It is suitable for both single hole measurement and gas drainage pipeline measurement.

Technical parameters:

	CJZ7J (A)	CJZ10J
Methane(CH ₄ %)	(0.00 ~ 1.00) : ± 0.05%CH ₄ >(1.0~100.0): ± 5.0% of true value	
CO(10 ⁻⁶ CO)	(0 ~ 100) : ± 4 >(100~500): ± 5% of measured value	> 500 ~ 2000: ± 6% of measured value
Flow rate (m ³ /min)	DN50: (0.040 ~ 1.600): ± 1.5%FS DN75: (0.090 ~ 3.600): ± 1.5%FS DN300: (2.5 ~ 100): ± 1.5%FS	
Absolute Pressure (kPa)	(10.0 ~ 100.0) : ± 1.5% >(100 ~ 200) : ± 1.5 kPa	
Temperature (°C)	(-10 ~ 50) : ± 1 °C	
Pressure Difference	(-250.0 ~ 250.0): ± 7.5 Pa (-2500 ~ -250) : ± 75 Pa (250 ~ 2500): ± 75 Pa	
Environment Pressure (kPa)	(50 ~ 110): ± 0.5 kPa	
CO ₂ (%CO ₂)	/	(0.00 ~ 0.50): ± 0.10 (0.50 ~ 5.00): 0.05+5% of true value
O ₂ (%O ₂)	/	(0 ~ 5.0): ± 0.5%O ₂ (5.0 ~ 25.0): ± 3%FS