

CJZ6Z/100 | CJZ6Z/150 Manifold Laser Gas Comprehensive Parameter Tester



Application:

This product regularly measures the gas concentration, negative pressure, flow rate, temperature, and carbon monoxide of drill holes. It employs innovative flow rate and gas concentration measurement technology, and can be used for gas drilling, and online monitoring of drill sites or sub-stations.



Features:

- There are no blocking and rotating parts in the measuring chamber creating no resistance
- The tester uses laser absorption spectrum technology to monitor flow rate, temperature and the concentration of CH₄, CO and O₂ at the same time
- It can measure flow rate as low as 0.1m/s. It can be used for monitoring gas drainage in both single holes and confluent pipelines at drilling sites
- It can output and display two modes of working condition and standard condition, which is convenient for data collection and query
- The instrument has the function of wireless data transmission. Data can be transmitted wirelessly between testers and between the tester and the underground wireless base station (optional)
- Explosion-proof type: mining intrinsically safe (Ex-mark: Exia | Ma)
- Degree of protection: IP65

Technical parameters:

	CJZ6Z/100	CJZ6Z/150
Flow Rate(m ³ /min)	(0.100 ~ 9.300) m ³ /min: ± 1.5%FS	(0.100 ~ 21.000) m ³ /min: ± 1.5%FS
CH ₄ (%CH ₄)	0.00 ~ 1.00: ± 0.05 > 1.0 ~ 100.0: ± 5.0% of true value	
Absolute Pressure(kPa)	(10.0 ~ 200.0) kPa ± 0.75%FS	
Temperature(°C)	-10 ~ 60°C: ± 1 °C	
CO(10 ⁻⁶ CO)	0 ~ 100: ± 4 > 100 ~ 500: ± 6% of measured value > 500 ~ 1000: ± 6% of measured value	
O ₂ (%O ₂)	(0.0 ~ 25.0) %O ₂ : ± 3%FS	