Portable 2 in 1 gas detector
LPTG-A10

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Portable 2 in 1 gas detector LPTG-A10 is a lightweight, hand held design gas detector. It synchronously detects concentration of CO_2 gas and that of another gas like O2, CO, NH3, and H2S. LCD display shows real time measurement values. Used in field detection of multiple gases for quality testing and research purpose.

Features

- Equipped with two different types of sensors
- Synchronous detection of two gases at a time
- Long probe for narrow room
- Small volume, Easy to carry
- Automatic self calibration

Applications

Used in bio fuel plants, greenhouse, agriculture, construction, for on field testing of chemical gases and others.

Gas Detector Selection LPTG-A10

Gas Detectors	Measurement Gas	Range	Accuracy	Response time
LPTG-A10 O2 and CO2	O2 and CO2	O2: 5 to 25 % vol	±5%F.S	＜20s
		CO2: 0 to 5 % vol	±30%rdg	＜10s
LPTG-A10 SO2 and CO2	SO2 and CO2	SO2: 0 to 100 ppm	±5%F.S	＜30s
		CO2: 0 to 5 % vol	±30%rdg	＜10s
LPTG-A10 CO and CO2	CO and CO2	CO: 0 to 1000 ppm	±5%F.S	＜30s
		CO2: 0 to 5 % vol	±30%rdg	＜10s
LPTG-A10 H2S and CO2	H2S and CO2	H2S: 0 to 100 ppm	±5%F.S	＜30s
		CO2: 0 to 5 % vol	±30%rdg	＜10s
LPTG-A10 NH3 and CO2	NH3 and CO2	NH3: 0 to 30 % vol	±5%F.S	＜100s
		CO2: 0 to 5 % vol	±30%rdg	＜10s

Specifications

Model no.	LPTG-A10	
Sampling method	Diffusion	
Sensor type	CO2: solid electrolyte sensor	
	O2：electrochemical sensor	
Detection range	CO2:0.04 to 5.00 %	
	O2:0.0 to 30.0 %	
Detection accuracy	CO2:± 30 % rdg (rdg = reading)	
	O2:± 3 % F.S. (F.S. = full scale)	
Display resolution	CO2:0.01 %	
	O2:0.1 %	
Calibration	CO2:0.04 % revise the zero point outdoors	
	O2:20.9 % revise the zero point outdoors	
Display	LCD display	
Battery shelf life	About 20 hours (when using alkaline dry batteries)	
Operation temperature	-10 to 50 °C	
Operation humidity	< 90 % RH (non-condensation)	
Power supply	#5 dry cell, 4/AC 100 to 250 V	
Dimension Host machine (W*D*H)	76 × 27 × 145 mm	
Dimension Detector (W*D*H)	28 × 27 × 170 mm	
Weight	About 250 g (includes detector, batteries)	
HS Code	9027100090	