XP-329ⅢR

Type of Gas Detected	Detection Principle
Odor	Hot wire semiconductor sensor

Features

● **Instant digital display of odor intensity.**

Applications

● **Performance check on deodorizing apparatus and air cleaners.**
● **Measuring smells of factory exhaust, waste water, and drainage.**
● **Quality control of foods and spices.**

Specifications

Model	XP-329ⅢR
Substance Measured	Various odors, odor components
Detection Principle	Indium oxide-based sensitivity hot wire semiconductor sensor
Sampling Method	Extractive *Extractive flow: 400±150ml/min
Display	LCD digital indication (64 × 128 dots matrix) (measurement value, measurement mode, operating conditions, remaining battery level, data memory, bar indication for sensor output and communication channel etc.)
Measurement Mode	Monitoring mode・Batch mode
Detection Range	Level indication: 0-2000 (In case of zero-based setting at the 2nd dot from the left in the sensor output bar graph)
Repeatability	Measurement value±5%±1 digit *1 level indication
Response Time	20s or less (90% response) by calibrated odor
External Output	Analog output: Level indication: 0000-2000 corresponding to DC0-200 mV. (0.1mV as contrasted with indication 1) (Except approx. 204.8mV in case of OVER LEVEL)
	Digital input/output: RS-232C output the indicated value (ASCII Code) (Except in case of OVER LEVEL, output [****])
External Output Terminal	DIN connector for both analog output and digital input/output
Operating Temperature and Humidity	Temperature: 0 to 40°C Humidity: 10-80%RH (non-condensing)
Dimensions	W84 × H275 × D40mm (excluding protrusions)
Weight	Approx. 640g (including batteries)
Power Source	4 × AA alkaline dry cells or AC adaptor
Battery Life	Up to 8 hours by alkaline cells, low battery alarm function
Standard Accessories	Activated carbon filter, Drain filter, Sample draw attachment, Tube intake, AC adaptor, Carrying case, Output connector, Communication pack (CD), 4 × AA alkaline dry cells, Teflon tube (1m), 2 × Activated carbons, 2 × Filter elements (10 pcs.), Instruction manual, Test report

*1 Under identical measuring conditions.