



Indoor air pollutant



Electrochemical cell sensor



CONSIDERATIONS FOR USE

Readings display rather high when large amount of aldehydes exist excepting.
Avoid smoke of tobacco and alcohols when measuring.
Sudden environment changes such as temperature and humidity during measurement cause detection errors.

FEATURES

- No need to replace reagents for each measurement.
- Possible to change mg/m³ and ppm as measurement unit.
- Possible to change 10 min, 30 min and 60 min as measurement time.
- Fully automatic operation simply by pushing operation buttons.
- Max. 32 cases of measuring result can be memorized.
- Reduced influence of VOCs with DNPH filter.

APPLICATIONS

- Indoor air control.
- Housing material control.
- Furniture and woodworking.

SPECIFICATIONS

Model	XP-308B
Substance Detected	Formaldehyde
Detection Principle	Electrochemical cell (Influence of VOCs reduced by DNPH filter.)
Detection Range	0.01 to 0.38mg/m ³ (Service range: 0.39 to 3.00mg/m ³) 0.01 to 0.30ppm (Service range: 0.31 to 3.00ppm)
Sampling Method	Extractive
Measurement Time	30min/10min measurement mode (selectable)
Power Source	6× C dry cells or AC adaptor (9VDC)
Battery Life *1	30-min measurement mode : Up to 50 measurement operations by manganese dry cells(10-min measurement mode : Up to 100 measurement operations by manganese dry cells)
Filter Life *2	30-min measurement mode : 50 measurement operations (10-min measurement mode : 100 measurement operations)
Operating Temperature	5 to 40°C
Display	Digital numbers, Message, Bar graph
Dimensions	W175 x H140 x D86mm
Weight	Approx. 2.5kg
Standard Accessories	3 × DNPH Filters, 6× C manganese dry cells, Soft case, Sampling tube, Ten filter elements, Tweezers
Optional Accessories	AC adaptor, External output cable, Data reception software

*1 Battery life may vary with storage conditions, conditions of use, storage period, battery manufacturers, etc.

*2 These values are for an average formaldehyde concentration per measurement of 0.10mg/m³. The battery life will be shortened at higher concentrations.

OTHERS



CFC



Hot wire semiconductor sensor



FEATURES

- Most of refrigerant gases can be detected
- Automatic stop pump function
- Automatic gas exhaust mode
- Equivalent to IP22 (in soft case)

SPECIFICATIONS

Model	XP-704 III
Target Gas	R-22, R-32, R-404A, R-407C, R-600a, R-410A, R-134a, R-290, HFO-1234yf
Detection Principle	Hot-wire semiconductor sensor
Sampling Method	Extractive type
Detectable Leak Rate (annual)	R-22: 2.84[g], R-32: 1.71[g], R-404A: 3.30[g], R-407C: 3.12[g], R-600a: 1.91[g] R-410A: 2.82[g], R-134a: 20.09[g], R-290: 1.45[g], HFO-1234yf: 3.74[g]
Detectable Gas Concentration	5 ppm (R-134a: 30ppm)
Response Time	Within 10 seconds
Power Supply	Size AA alkaline batteries × 2
Battery Life *1	Approx. 12 hours (with size AA alkaline batteries)
Degree of Protection	Equivalent to IP22
Operating Pressure	Atmospheric pressure (800 to 1100 hPa)
Operating Temperature and Humidity	0 to 40 degrees C Less than 85% RH (with no condensation)
Dimensions	Approx. 38 (W) × 130 (H) × 32 (D) mm (excluding protrusions)
Weight	Approx. 190g (including batteries and soft case)
Accessories	Soft case, Drain Filter, Replacement Filter, Gas Probe, Dust Filter, Hand Strap, Size AA Alkaline Battery × 2, etc.,

*1 It may vary based on the environmental conditions, operating conditions, storage time, battery manufacturer, etc.