

Simple Operation Formaldehyde and VOCs Detector

Portable and simplified Formaldehyde detector

FORMTECTOR XP-308B



Features

- No need to replace reagents for each measurement.
- Select either mg/m^3 or ppm as the displayed measurement mode for the measurement time.
- Select either the 30-min or 10-min measurement mode for the measurement time.
- Fully automatic operation simply by pushing operation buttons at the side of measurement.
- Random access to measurement data after measurement (up to 32 values).
- Reduced influence of VOCs through the use of DNPH filter.

Applications

- Indoor air control.
- Housing material control.
- Checking remodeling byproducts.

Specifications

Model	XP-308B
Substance Detected	Formaldehyde
Detection Principle	Electrochemical cell (Influence of VOCs reduced by DNPH filter)
Detection Range	0.01 to 0.38 mg/m^3 (Service range: 0.39 to 3.00 mg/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 × H140 × 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 0.01 mg/m^3 . The battery life will be shortened at higher concentrations.

Considerations for Use

- Measured value can be influenced if aldehyde group other than formaldehyde, like acetaldehyde, coexists.
- Cigarette smoke or alcohol like liquor will cause measurement errors.
- Sudden change in environment, such as temperature and humidity, will cause measurement errors.