NATURE

mPower Electronics
Making Powerful Senses

MP170 formaldehyde rapid detector



MP170 formaldehyde rapid detector is a rapid detection equipment designed in accordance with the national standard <<GB/T 18204.2 Inspection methods in public health places Part 2: Chemical pollutants>> in 7.4 photoelectric photometry standard requirements. Using reagent tablets can directly detect the concentration of formaldehyde in the air, the detection time is short, without long exposure to the field environment; The equipment automatically identifies different range reagent tablets, easy to operate, no professional laboratory personnel can be accurate and rapid detection of formaldehyde; Micro-USB charging mode, a charge can meet more than 24 hours of continuous detection; The MP170 features an automatic backlit LCD display that supports multiple languages and is clearly visible. MP170 can select Bluetooth module, export data and edit in real time. Industrial-grade shell design ensures product stability and consistency. MP170 can be used in indoor air quality, occupational health, building materials, public health, environmental protection, emergency detection, construction engineering completion acceptance and other fields, is the only choice for rapid and accurate formaldehyde detection.

Features, Functions and Benefits

- The reagent is detected by photoelectric spectrophotometry without cross interference of other compounds
- Equipment startup self-test, simple and convenient operation, no professional personnel
- The display unit can be ppm or mg/m3
- Built-in sampling pump, the unknown environment can be sampled and detected
- Choose rechargeable lithium battery or alkaline battery power supply
- It can store 1,000 groups of test data

MP170 specifications and instrument indicators

Detection gas	Formaldehyde (HCHO)
Detection principle	Reagent photometry
Detection range/resolution	0-1.000ppm/0.001ppm
Sampling mode	Pump type automatic sampling
Battery running time	Rechargeable lithium battery, support continuous operation for more than 24 hours *, charging time less than 5 hours Four 5 alkaline batteries support continuous operation for over 12 hours* * (20℃ typical working time)
Charging interface	Micro USB
Operating temperature and humidity	-10℃~40℃； 0~95%RH(no condensation)
Size	145mm x 75mm x 40mm
Weight	260g
Pump flow	250cc/min
Data storage	Store 1,000 groups of detection data
Data download and communication	• USB cable download to the computer directly to the data processing • Bluetooth wireless via mPower Suite to Android client
Language	Chinese/English + symbol
Operating mode	Detection and programming
Keypad	4 buttons
Warning mode	90dB@30cm, LED flicker and ribbon
Display screen	128X128 lattice LCD with automatic backlight
Warranty	The whole machine is guaranteed for 1 year

Standard configuration:

- MP170 host
- 10pcs reagent tablets
- Alkaline cell box
- Certificate of qualification
- Quick Operation Guide (Chinese/English)

Optional:

- lithium battery suit (charging adapter, USB cable and lithium battery)
- bluetooth communication module

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