CO2 Detector

General information about ADGD-6006 CO2 Detector:

Application:

- ✓ Furniture, flooring, wallpaper, paint, gardening, interior decoration and renovation, dyes, paper, pharmaceutical, medical, food, corrosion.

- ✓ Disinfection, chemical fertilizers, resins, adhesives and pesticides, raw materials, samples, process and breeding plants, waste treatment plants, perm places.

- ✓ Biopharmaceutical production workshops, home environment, livestock breeding, greenhouse cultivation, storage and logistics, brewing fermentation , agricultural production.

Function:

- Monitoring of the environment, or the concentration of formaldehyde in a confined space and give an alarm
- With self-check function, zero calibration function, so that gas monitoring more accurate and reliable
- One key to restore the factory settings, can be removed from misuse problems
- With temperature and pressure compensation, to achieve the perfect, different temperature and pressure environment,the gas concentration compensation
- Two sound and light alarm, alarm point can be set their own
- Large-capacity lithium polymer rechargeable battery
- Pump suction sampling, adjustable suction pump
- Shell with high-strength special engineering plastics, non-slip, waterproof, dustproof, explosion
- Exquisite upscale aluminum suitcase.

Feature:

- Using imported high-precision electrochemical principles sensor
- USB interface high speed data transmission, can be downloaded print data (optional)
- LCD dot matrix display technology, can display the type of gas, the gas unit, gas concentration values,measured maximum, local time, ambient temperature, etc.
- Support Chinese and English operation interface, easy to switch
- Gas concentration unit PPM, mg/m3 can quickly switch display
- Built-in micro sampling pump, the pump suction size ten stalls adjustable
- Explosion-proof certification, proof grade: Exia Ⅱ CT4

Technical Specification of the device:

- Gas Detected: CO2

- Detection principle: Infrared principle

- Sampling Method: Pump- suction, flow up 1L/min, pump suction size ten stalls Adjustable

- Measure Range:0-500ppm,0-1000ppm,0-2000ppm, 0-5000ppm,010000ppm,0-50000ppm,0-10%VOL,0-20%VOL,0-50%VOL,0-100%VOL

- Resolution:1ppm(0-50000ppm),0.01%VOL (0-10%VOL)

- Precision:2% FS

- Signal Output:USB interface high speed data transmission, can be

- downloaded print data (optional)

- Response Time:≤ 10S

- Repeatability:≤ ± 1%

- Zero shift:≤ ± 1% (F.S / Year)

- Operating language:Support in English

- Temperature:-40 ℃ ~ 70 ℃

- Explosion-Proof:Exia Ⅱ CT4

- Alarm mode:Sound, light, vibration

- Dimensions:205*75*32mm

- Recovery Time:≤ 10S

- Linearity error:≤ ± 1%

- Display:LCD dot matrix display technology

- Gas unit:Support for multiple gas unit switch display

- Humidity:0-95% RH

- Degree of protection:IP66

- Operating time:100 hours (off pump)

- Weight(net/gross):300g/800g

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