

# TVOC Gas Detector

## General information about ADGD-6001 TVOC Gas 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 TVOC gas 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/m<sup>3</sup> 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:TVOC Gas
- Detection principle:Electrochemical principles
- Sampling Method:Pump- suction, flow up 1L/min, pump suction size ten stalls Adjustable
- Measure Range:0-1ppm, 0-5ppm, 0-10ppm, 0-20ppm, 0-50ppm, 0-100ppm, 0-200ppm,0-500ppm, 0-1000ppm, 0-3000ppm. 0-6000ppm
- Resolution:0.001ppm (0-1ppm), 0.01ppm (0-100ppm). 0.1ppm (0-200ppm, 0-500ppm), 1ppm (0-1000ppm)
- Precision:10% 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 °C ~ 70 °C
- 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

