

# Portable Oxygen Analyzer

## General information about ADGD-60120 Portable Oxygen Analyzer:

### 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 O<sub>2</sub> 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:Oxygen (O<sub>2</sub>)
- Detection principle:Electrochemical principles
- Sampling Method:Pump- suction, flow up 1L/min, pump suction size ten stalls Adjustable
- Measure Range:0-5%VOL, 0-10%VOL, 0-25%VOL, 0-30%VOL
- Resolution:0.01%VOL
- Precision:1% 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

