

# Multi-Gas Detector

## General information about ADSF-6000GD Multi-Gas Detector

Compact portable gas detector with a large LCD. It can monitor CO, H<sub>2</sub>S, O<sub>2</sub> and combustible gas simultaneously. The instrument features two instant alarms with audio/visual and vibratory indicators, rechargeable battery, and simple use.

### Features:

- ✓ Astigmatic design is applied to rugged surroundings
- ✓ Continuously gas concentration and composition LCD real-time display
- ✓ Rechargeable lithium battery (continuous working period can be 16~18 hours)
- ✓ Concentration units ppm and mg/m<sup>3</sup> can be switched
- ✓ Built-in vibration alarm which is applied for noisy environment
- ✓ Two stage alarm threshold: the low alarm and high alarm point can be adjusted based on actual needs
- ✓ Simple automatic calibration program and plug-in replaceable sensor
- ✓ Fully functional self-testing: sensor, integrity of battery and circuit, acoustic & visual & vibration three-stage alarm
- ✓ Small figure and light weight
- ✓ Password protection capability: only the authorized user can modify the preset parameter.



## Technical specification of the device:

- Operating & Storage Environment: Temperature: -20°C~55°C (4F~122F)
- Humidity: 5%-95% (Relative humidity non-condensing)
- Pressure: 95~110kPa
- Sampling method: Diffusion type
- Detecting Range: CO: 0~1000ppm/H<sub>2</sub>S: 0~100 PPM/O<sub>2</sub>: 0~30%vol/Combustible
- Explosive Gas (Ex / LEL / CH<sub>4</sub>): 0~100%LEL
- Sensor: O<sub>2</sub> /H<sub>2</sub>S / CO: plug-in electrochemical sensor/Combustible gas (LEL): plug-in catalytic combustion sensor
- Alarm Type: low & high alarm, multiple gas alarm, sensor alarm, battery low alarm, prompt tone, automatic shutdown alarm
- Resolution: 0.1%VOL (O<sub>2</sub>), 1ppm (CO), 0.1ppm (H<sub>2</sub>S), 1%LEL (EX)
- Accuracy: 3% F.S
- Response time: 10s
- Repeatability: 1%
- Zero drift: 1%
- Display: Alphanumeric large LCD displays the real time gas concentration and alarm stage
- Backlight: Automatically activated when working in poor lighting environment or the alarm sounding or the button is knobbed down. Self-checking Function
- Self-checking Battery power, display, sensor, hardware failure
- Explosion-proof: EXiaIICT4
- Protection grade: IP65
- Power Supply: Rechargeable lithium battery
- Weight: 211g
- Dimensions: 126mm\*66mm\*33mm

