

# 气体检测量程及报警值行业标准

（参照标准 GBJ 4-73 的表 1）

气体类型	量程	报警值	传感器类型	
NH <sub>3</sub>	0-100 PPM	25 PPM / 50 PPM	电化学	
Cl <sub>2</sub>	0-50.0 PPM	2.5 PPM / 5.0 PPM		
H <sub>2</sub>	0-1000 PPM	50 PPM / 100 PPM		
CH <sub>2</sub> O	0-100 PPM	25 PPM / 50 PPM		
O <sub>2</sub>	0-30.0% vol	18.5% vol / 23.5% vol		
H <sub>2</sub> S	0-100 PPM	10 PPM / 20 PPM		
HCl	0-30.0 PPM	5.0 PPM / 10.0 PPM		
HCN	0-50.0 PPM	5.0 PPM / 10.0 PPM		
PH <sub>3</sub>	0-20.0 PPM	3.0 PPM / 5.0 PPM		
HF	0-10.0 PPM	3.0 PPM / 6.0 PPM		
NO	0-250 PPM	25 PPM / 50 PPM		
CO	0-500 PPM	35 PPM / 70 PPM		
SO <sub>2</sub>	0-20.0 PPM	2.0 PPM / 4.0 PPM		
ClO <sub>2</sub>	0-50.0 PPM	3.0 PPM / 5.0 PPM		
NO <sub>2</sub>	0-20.0 PPM	3.0 PPM / 5.0 PPM		
C <sub>2</sub> H <sub>4</sub> O	0-100 PPM	10 PPM / 20 PPM		
O <sub>3</sub>	0-10.0 PPM	3.0 PPM / 5.0 PPM		催化燃烧
CH <sub>4</sub>	0-100% LEL	25% LEL / 50% LEL		
C <sub>3</sub> H <sub>8</sub>	0-100% LEL	25% LEL / 50% LEL		
H <sub>2</sub>	0-100% LEL	25% LEL / 50% LEL		
NH <sub>3</sub>	0-100% LEL	25% LEL / 50% LEL		
C <sub>2</sub> H <sub>4</sub> O	0-100% LEL	25% LEL / 50% LEL		
CH <sub>3</sub> CH <sub>3</sub>	0-100% LEL	25% LEL / 50% LEL		
C <sub>2</sub> H <sub>4</sub>	0-100% LEL	25% LEL / 50% LEL		
C <sub>4</sub> H <sub>10</sub>	0-100% LEL	25% LEL / 50% LEL		
C <sub>4</sub> H <sub>8</sub>	0-100% LEL	25% LEL / 50% LEL		
C <sub>7</sub> H <sub>8</sub>	0-100% LEL	25% LEL / 50% LEL		
C <sub>2</sub> H <sub>7</sub> N	0-100% LEL	25% LEL / 50% LEL		
C <sub>8</sub> H <sub>10</sub>	0-100% LEL	25% LEL / 50% LEL		
CH <sub>4</sub> O	0-100% LEL	25% LEL / 50% LEL		
C <sub>2</sub> H <sub>6</sub> O	0-100% LEL	25% LEL / 50% LEL		
C <sub>3</sub> H <sub>4</sub> O	0-100% LEL	25% LEL / 50% LEL		
C <sub>2</sub> H <sub>3</sub> Cl	0-100% LEL	25% LEL / 50% LEL		
C <sub>2</sub> H <sub>7</sub> N	0-100% LEL	25% LEL / 50% LEL		
C <sub>3</sub> H <sub>9</sub> N	0-100% LEL	25% LEL / 50% LEL		
CH <sub>3</sub> Br	0-100% LEL	25% LEL / 50% LEL	红外 NDIR	
CO <sub>2</sub>	0-10.0% vol	1.0% vol / 3.0% vol		
	0-5000ppm	800 PPM / 1500 PPM		
CH <sub>4</sub>	0-5.0% vol	1.0% vol / 3.0% vol		
	0-100% vol	10% vol / 20% vol		
VOCs	0-300ppm	50 PPM / 100 PPM	PID	