









Ordering Code
VZ7701AZ, 7701 meter

Pocket Type CO Detector
7701

- ■Digital pocket detector for checking CO concentration
- ■Dual LCD display with current carbon monoxide and maximum CO readings
- ■Long life and reliable electrochemical carbon monoxide sensor
- ■Warning carbon monoxide audible alert adjustable, preset at 25ppm
- ■Manually calibrate at 0 or 500ppm carbon monoxide standard gas



Model	7701
CO range	0~999 ppm
Resolution	1 ppm
Accuracy (at 20±5°C, 50±20%RH)	±20% at 0~100ppm; ±15% at 100~500ppm Other ranges are not specified
Response time	within 60 seconds
LCD size (mm, HxW)	11x26
Operating condition	0~50°C , 5~95% RH (avoid condensation)
Storage condition	-20~ 50°C,0~95%RH(avoid condensation)
Power supply	3pcs AAA batteries
Battery Life	300 hours
Meter size (LxWxH,mm)	175x 47 x 28
Weight	120g
Standard package	Meter, manual, AAA alkaline batteries, plain box, wrist strap, soft carry pouch

CO level affects human health

ppm	Symptoms and applicable standard
0-1	Normal background levels
9	Maximum indoor air quality level: Maximum allowable concentration per ASHRAE Residential standards 62-1989 for living area.
25	Maximum limit 8 hrs of continuous exposure per California OSHA workplace standards.
35	Maximum 8 hrs average exposure level per US OSHA workplace standards.
50	Maximum concentration for continuous exposure in any 8 hrs average level per OSHA standards.

ppm	Symptoms and applicable standard
100	Remove employees from enclosed space if the CO concentration exceeds 100ppm per OSHA exposure limit.
200	Mild headache, fatigue, nausea and dizziness w/i 2-3 hrs.
400	Frontal headache, life threatening after 3hrs. Maximum concentration in flue gas per the US EPA and AGA standards.
800	Dizziness, nausea, convulsions, death w/i 2-3 hrs.
1600	Nausea w/i 20 min.,death w/i 2-3 hrs



**Available for EB project*