

# Detector Tubes

<i>Substance Measured</i>	<i>Detector Tube applicable</i>	<i>Part No. (1 pkg. of 10 tubes)</i>	<i>Measuring range (ppm)</i>	<i>Threshold Limit Value 1998 ACGIH (ppm)</i>
Carbon Dioxide	CO <sub>2</sub> -100	497606	100–3000	5000
	CO <sub>2</sub> -0.1%	487333	0.1–7.0 Vol.-%	
	CO <sub>2</sub> -1%	804419	1–20 Vol.-%	
Carbon Monoxide	CO-0.001	804421	0.001–0.3 Vol.-%	25
	CO-5	803943	5–1000	
	CO-10	487334	10–3000	
	CO-3000	815507	3000–70000	
	CO-0.1%	804423	0.1–1.0 Vol.-%	
	CO-0.3%	487335	0.3–7.0 Vol.-%	
	CO-10/color	47134	10–1000	
	Qualitest QL	497652 497665	n/a	
Hydrogen Sulfide	H <sub>2</sub> S-0.1	655932	0.1–4 Vol.-%	10
	H <sub>2</sub> S-1	487339	1–200	
	H <sub>2</sub> S-100	487340	100–4000	
	Qualitest QL	497665	n/a	
Phosphine	PH <sub>3</sub> -0.05	497101	0.05–3	0.3
	PH <sub>3</sub> -0.1	485680	0.1–100	
	PH <sub>3</sub> -50	489119	50–2000	
Sulfur Dioxide	SO <sub>2</sub> -1	487338	0.5–25	2
	SO <sub>2</sub> -5	497662	5–120	
	SO <sub>2</sub> -100	497661	100–4000	
Toluene (Methyl benzene)	Tol.-5	803947	5–1000	50
	Qualitest QL	497665	n/a	

This is just a partial list of MSA's detector tubes. The ***MSA/Auer Detector Tube Handbook*** (Part No. 813919) lists tubes for over 170 gases. It also includes facts on chemical reaction and color changes, interferences, cross-sensitivities and more. For more complete information see *Data Sheet 08-00-02*.