

### Breathing Air Quality Monitoring Kit



### Breathing Air Standards for Compressed Air

	Standard	Nominal Pressure psi(Bar)	Water Content mg/m <sup>3</sup>	Oil ppm	CO ppm	CO <sub>2</sub> ppm
<b>EUROPE</b>	EN 12021	600-3000 (40-200) Compressed Air Tank	< 50	<0.5	<15	<500
<b>INDIA</b>	IS 15879 : 2009	3000 (>200) Compressed Air Tank	< 35	<0.5	<15	<500
		4500 Compressor direct	< 25	<0.5	<15	<500
<b>UK</b>	BS 4001	X	as dry as possible	1	10	500
<b>USA</b>	CGA Grade D	X	63 ppm	5	10	1000
	CGA Grade E	X	63 ppm	5	10	500
	NFPA1500	X	24 ppm	5	10	1000
	NAVY STD	X	Free of gross moisture	5	20	550
<b>CANADA</b>	CSA Z1800.1-M85	X	PDP at 5°C below systems	1	5	560



### ORDER INFORMATION

Air Tester HP Kit	D3188702
Air Tester MP Kit	D5185710

### CONTAMINANTS DETECTED

Kwik-Draw Tube	Measuring Range	Part No.
Oil- HP Synth.	0.1-1 mg/m <sup>3</sup>	10040887
CO-HP	5-70 ppm	D5085847
CO <sub>2</sub> -HP	100-2000 ppm	D5085848
H <sub>2</sub> O-HP	20-160 mg/m <sup>3</sup>	D5085849
Nitr.-HP(MP kit)	0.2 – 6 ppm	D5086850
H <sub>2</sub> O-MP(MP kit)	100-1000 mg/m <sup>3</sup>	D5086851

#### A. KWIK DRAW AIR TESTER HP KIT

“Multi-Sampling Port”

For simultaneous measurement of 4 different contaminants viz. carbon monoxide, carbon dioxide, oil and water vapor in respirable air from compressors and compressed gas cylinders in high pressure applications.

#### B. KWIK DRAW AIR TESTER MP KIT

For individual measurement of 5 different contaminants viz. carbon monoxide, carbon dioxide, nitrous fumes, oil and water vapor in respirable air from compressors and compressed gas cylinders in Low pressure applications.

### SPECIFICATIONS

**Operation Medium:** Air

#### Supply Pressure:

Air tester HP Kit Maximum 4500 psi (300 bar)

Air tester MP Kit Maximum 145 psi (10 bar)

#### Flow:

Air tester HP Kit 0.3 , 1.0 and 2.5 LPM

Air tester MP Kit 0.2 - 3 LPM adjustable

**Weight with Case:** 5 kgs.

**Dimensions:** H X W X L: 120 X 320 X 420 mm

\* Standards such as CGA Grade D and E, DIN 3188, NFPA 1500, CSA Z180.1-M85, EN12021 and IS 15879: 2009 can be fulfilled.

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