

Breathing Air Quality Monitoring Kit



Breathing Air Standards for Compressed Air

	Standard	Nominal Pressure psi(Bar)	Water Content mg/m ³	Oil ppm	CO ppm	CO ₂ ppm
EUROPE	EN 12021	600-3000 (40-200) Compressed Air Tank	< 50	<0.5	<15	<500
INDIA	IS 15879 : 2009	3000 (>200) Compressed Air Tank	< 35	<0.5	<15	<500
		4500 Compressor direct	< 25	<0.5	<15	<500
UK	BS 4001	X	as dry as possible	1	10	500
USA	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
CANADA	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 ³	10040887
CO-HP	5-70 ppm	D5085847
CO ₂ -HP	100-2000 ppm	D5085848
H ₂ O-HP	20-160 mg/m ³	D5085849
Nitr.-HP(MP kit)	0.2 – 6 ppm	D5086850
H ₂ O-MP(MP kit)	100-1000 mg/m ³	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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