



Easy
Gas
Tubes



BREATHING AIR QUALITY TESTING KITS

When the last thing you need
to worry about is the air
you're breathing

BREATHING AIR QUALITY MONITORING KITS



We understand that in dangerous work environments, breathing air isn't always a guarantee but shouldn't have to be a worry. So having a reliable lifeline of clear breathing air is essential. Uniphos have designed the Kwikdraw Air Testing Kit with this in mind, making it reliable, easy to use and cost effective.

These kits are used to monitor the purity of breathing air as supplied directly from air compressors, breathing air cylinders or medium pressure air lines. The Airtester can quickly and quantitatively indicate the concentration of water vapour, oil, carbon dioxide, carbon monoxide, oxygen and nitrous fumes.

BREATHING AIR STANDARDS FOR COMPRESSED AIR:

COUNTRY	STANDARD	NOMINAL PRESSURE Psi(Bar)	WATER CONTENT (mg/m ³)	OIL (mg/m ³)	CO (ppm)	CO ₂ (ppm)
EUROPE & UK	EN12021:2014	600-3000 (40-200) ≥3000 (≥200)	≤50 ≤35	≤0.5 ≤0.5	≤5 ≤5	≤500 ≤500
INDIA	IS 15879:2009	(150-300)	≤25	≤0.5	≤15	≤500
USA	CGA G-7.1-2011 Grade D	X	≤67 ppm	≤5	≤10	≤1000
	CGA G-7.1-2011 Grade E	X	≤24 ppm	≤5	≤10	≤1000
	NFPA1500	X	≤24 ppm	≤2	≤5	≤1000
	NAVY OPNAVINST 5100.19F	X	≤20	≤5	≤10	≤1000
CANADA	CSA Z180.1-19	X	≤24	≤1	≤5	≤500



KwikDraw AIR TESTER HP KIT



Ordering Code :

- Air Tester HP : D3188706
- Air Tester HP+ : D3188705

This test device consists of a pressure reducer with high pressure gauge, manifold, flow-meter, detector tube holder, adapter for 200 and 300 bar each for connecting to a compressor charging panel, timer, device for breaking off detector tube tips, Detector tubes for measuring carbon monoxide, carbon dioxide, water vapor and oil mist (one packet of each).

DETECTOR TUBES:

SUBSTANCE MEASURED	DETECTOR TUBE APPLICABLE	PART NO. [10 TUBES/PKG]	MEASURING RANGE [PPM]	HP KIT	HP+ KIT
Carbon Dioxide	CO ₂ -HP	D5085848	100...2000	*	*
Carbon Monoxide	CO-HP	D5085847	5...70	*	*
Oil Mist	Oil Mist-HP	10040887	Depends on oil type	*	*
	H ₂ O-HP [mg/m ³]	D5085849	5...160 mg/m ³	*	*
Water Vapour	H ₂ O-HP [ppm]	D5085851	10...200	Optional	Optional
	H ₂ O-HP-20 [mg/ mm ³]	D7086900	20-500 mg/m ³	Optional	Optional
Nitrous HP	Nitr.-HP	D5086850	0.2-6.0	Optional	Optional
Oxygen	O ₂ -3%	D7086864	3....24%	X	*

SPECIFICATIONS:

Max inlet pressure of reducer			300 +30 bar
Inlet pressure of manifold			4 to 5 bar
Manifold outlet ow rates (mL/min)			
CO	CO ₂	H ₂ O	Oil (L/min)
0.3 ± 0.03	0.3 ± 0.03	1 ± 0.1	4 ± 0.25
Dimensions	L= 39 cm, W = 33 cm, H = 9.5 cm		
Weight	3 Kg.		

FEATURES:

- Auto On/Off Valve
- Shortest Flushing Time
- Comprehensive Kit
- Compact Design & Lightweight



KwikDraw
Air Tester HP + Kit



KwikDraw
Air Tester HP Kit

KwikDraw AIR TESTER HP KIT

ACCESSORIES AND SPARE PARTS:

BRAND	DESCRIPTION	ORDERING CODE
KwikDraw	Pressure Regulator	D4074940
KwikDraw	Mainfold	D7095876
KwikDraw	Rubber Tube Holder	D7095877
KwikDraw	Tip Breaker for DT	D5085012
KwikDraw	Stop watch (Timer)	D5185020
KwikDraw	Flowmeter for Manifold	D4074944

