

**CERTIFICATE OF CALIBRATION**

<b>Issued By :</b> AGL Airtesting	<b>Certificate Number :</b> 0000120799
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<b>Customer :</b> Ian Farmer Associate	<b>Calibrated by :</b> Aaron
	<b>Date :</b> 03/03/2006

<b>Instrument :</b>	Phocheck PID	<b>Ambient Temp :</b>	29
<b>Serial No. :</b>	500418	<b>Ambient Pressure :</b>	996
<b>Asset No. :</b>	329	<b>Ref Temp Calibrator :</b>	CI 23 T-221832 (NIST)
<b>Job No. :</b>	5234	<b>Calibration Due :</b>	01st May 07
<b>Service Done :</b>	01 12 05	<b>Ref Pressure Cal :</b>	DPI 705 186/98-04 druck
<b>Service Interval (days):</b>	365	<b>Calibration Due :</b>	01st May 07
		<b>Linearity Check :</b>	N/A
		<b>Conv. Eff. Check :</b>	N/A

**Method :**

Gas Calibrations - The instrument under test was calibrated by applying known concentrations of calibration gases at set flow rates. The results are recorded below after adjustments have been made and a constant reading obtained.

All calibration processes follow procedures which comply to BS EN ISO 9002:2000.

Gas / Conc	Cert Tracability	Instrument Reading
Isobutylene 97 ppm	11949-4	97.6

<b>Filter Condition :</b>	OK	<b>Data logger Works :</b>	Yes
<b>Pump Operates :</b>	Yes	<b>Batteries OK :</b>	Yes
<b>Overall Result :</b>	PASS		

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**TECHNICAL SPECIFICATIONS FOR PHOCHECK 5000  
(Hand-held hydrocarbon Analyser)****Dimensions**

Phocheck Analyser	-	340 x 60 x 50 mm
Short Probe	-	140 mm long
Long Probe	-	240 mm long
Standard Carry Case	-	420 x 320 x 97 mm

**Weight**

Phocheck 5000Ex	-	0.57 kg (1.3 pounds)
Standard Carry Case	-	1.75 kg (4.0 pounds)

**Materials**

Phocheck 5000Ex casing.	-	Conductive carbon-loaded polypropylene-based resin
Standard Carry Case	-	Polypropylene, with a polyester foam insert
Battery	-	Internal Rechargeable NiMH

**Environmental Conditions**

Operating Temperature Range	-	-4°F to 140°F (-20°C to +60°C)
Storage Temperature Range	-	-13°F to 158°F (-25°C to +70°C)

**Analyser Specification (short probe fitted)**

Response Time	-	< 1 s
Recovery Time	-	< 1 s

**Analyser Specification (long probe fitted)**

Response Time	-	< 3 s
Recovery Time	-	< 3 s

Range	-	1-999 ppb 1-1000 ppm
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Gases Detected	-	User selectable
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**Operating Lifetime**

Lamp (10.6eV standard)	-	>1500 hr
Pump	-	>1500 hr

Accuracy	-	+/- 5% displayed reading +/- one digit
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**Operating time**

Fully Charged Internal Battery	-	14 Hours
External Charger (Non IS Areas!!)	-	Indefinitely

**Charging Time**

Fully Charge from Flat	-	16 Hours
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**CAUTION: QUOTED CHARGE AND BATTERY LIFE IS ASSUMING FOR AN AMBIENT TEMPERATURE OF 20°C (68°F).**