


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p><b>0245</b></p> <p>Accredited to <b>ISO/IEC 17025:2005</b></p>	<h3>Falcon Scientific Instruments</h3> <p><b>Issue No: 021    Issue date: 13 December 2011</b></p>	
	<p><b>Falcon Scientific Instruments</b> The Old Barn Church End Raskelf North Yorkshire YO61 3LG</p>	<p><b>Contact: Mr D J Wilson</b> Tel: +44 (0) 1347 823800 Fax: +44 (0) 5601 166540 E-Mail: fsi@falconsscientific.co.uk Website:</p>
<p><b>Calibration performed by the Organisations at the locations specified below</b></p>		

**Laboratory locations:**

Location details	Activity	Location code
<p><b>Address</b> Falcon Scientific Workshop York</p> <p><b>Local contact</b> Mr D J Wilson</p>	Dimensional	A

**Site activities performed away from the locations listed above:**

Location details	Activity	Location code
<p><b>Address</b> At customers premises</p> <p><b>Local contact</b> Mr D J Wilson</p>	Dimensional	B



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DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ( $k=2$ )	Remarks	Location Code
RANGE IN MILLIMETRES AND UNCERTAINTY IN MICROMETRES UNLESS OTHERWISE STATED				
MEASURING INSTRUMENTS AND MACHINES			NOTES	
Length measuring	0 m to 3 m	0.30 + (4.0 x length in m)	1. All linear calibrations may be given in inch units.	B
Vertical measuring	0 to 100			B
Horizontal measuring External measuring	0 to 100	Overall performance 1.0 on diameter	2 The uncertainty quoted is for the departure from either flatness, straightness, ie the Distance separating the two parallel planes which just enclose the surface under consideration.	B
Internal measurement using 'magic eye'	1 to 50 diameter			B
Universal measuring microscope	0 to 250 x 125	Linear dimensions: 0.60 + (4.0 x length in m) Squareness: 1.0 µm per 100 mm See Note 2		B
Toolmakers microscopes	0 to 150 x 50	Angular: 2.0 minutes of arc Linear: 2.0		B
Profile projectors	10 to 100 magnifications	125 at the screen Angular: 2.0 minutes of arc Linear: 2.0		B
Rotary table	100 to 3000 capacity	Overall performance 3.0 Seconds of arc		B
Inclinable rotary table	100 to 3000 capacity		B	
Optical dividing head	100 to 450 capacity			B
Electronic height gauge	0 to 1000	1.0 + (5.0 x length in m)		B
Gauge block comparators	0 to 100	0.050 + (0.50 x length in m)		B



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RANGE IN MILLIMETRES AND UNCERTAINTY IN MICROMETRES UNLESS OTHERWISE STATED				
MEASURING INSTRUMENTS AND MACHINES (cont'd)				
Linear displacement associated with machine tools , single and multiple axis measuring machines	0 m to 40 m	$0.30 + (4.0 \times \text{length in m})$		B
Surveyors levels	0.4 m focal length to infinity	5.0 $\mu\text{m}$ per metre		A
Theodolites	1.5 m focal length to infinity	2.0 seconds of arc		A
END				