Product

XC-80 compensator

Serial number

8Y8103

Date of calibration

22 January 18

Customer name

Starrag US

Customer address

2379 Progress Drive

Customer reference Hebron, KY 41048



## Calibration certificate

Specification

Air pressure sensor accuracy RH sensor accuracy

±1.0 mbar ±6.0 %RH

Measured values and uncertainties of calibration

	The statistics of Cambration							
Time (mins)	Air pressure (mbar)			Hungidity (ATH)				
	Reference	Measured	Error	Reference	Measured	=	T	
0	967.5	968.0	0.5		- TE	Error	Air Temp	
10	967.3	967.8		47.3	52.7	5.4	20.98	
20	966.9		0.5	4毫	5 5 7	5.5	20.98	
30		967.4	0.5	3	<b>2.7</b>	5.4	20.98	
	966.7	967.2	0.5	47.3	52.7	5.4	20.98	
40	966.3	966.8	0.5	47.2 量	52.7	5.5		
50	966.1	966.6	03		52.7		20.98	
60	965.9	966.4	0.5	472		5.5	20.96	
		Mean error	1	47.3	52.8	5.5	20.91	
				Mean error		5.5		
Uncertainty (k=2)			Unce	rtainty (k=2)	4.3			

 Reference standards
 Ref. no.
 Certificate no.
 Date

 XC-80 (air pressure & humidity)
 231Y52
 231Y52-171009-00
 09 October 17

 XC air temperature sensor
 170W74
 170W74-171007-00
 07 October 17

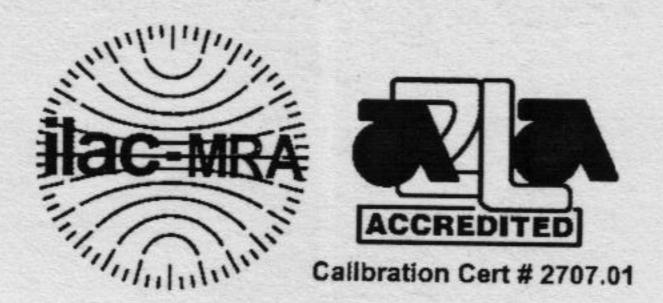
 Test procedure
 PT-50304
 01 January 01

Laser measurement system accuracy: When a Renishaw XL-80 laser is used with a Renishaw XC-80 compensator and a Renishaw air temperature sensor (all within specification) the laser measurement system accuracy in linear measurement mode will be within: ±0.5 ppm (k=2) - see the system manual for details.

Authorised signature	Signatory	Position	Date	
12	Joe Pichon	Service Center Manager	22 January 2018	

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Renishaw Inc 1001 Wesemann Drive West Dundee IL 60118



Certificate number 8Y8103-180122-00

L-9908-1143-03