Product

XC-80 compensator

Serial number

8U7476

Date of calibration 09 November 17

Customer name Customer address

Starrag USA, Inc. 2379 Progress Drive

Customer reference Hebron, KY 41048



Calibration certificate

Specification

Air pressure sensor accuracy

±1.0 mbar

RH sensor accuracy

±6.0 %RH

Measured values and uncertainties of calibration

Time	Air pressure (mbar)			Hungidity H)			
(mins)	Reference	Measured Error Reference Measure	Measured	Error	Air Temp		
0	988.1	989.2	1.1	43.5	47.6	4.1	22.05
10	988.5	989.4	0.9	45	476	3.9	22.05
20	988.5	989.6	1.1	43.7	<u>≱</u> 7.7	4.0	22.06
30	988.7	989.6	0.9	43.4	47.4	4.0	22.05
40	988.9	989.8	0.9	43.4	47.4	4.0	22.06
50	989.1	990.2	1	40.00	47.5	3.9	22.06
60	989.3	990.4	_1.74	<u>≇</u> 3.6	47.6	4.0	22.08
Mean error Mean error						4.0	
Uncertainty (k=2)			Unce	rtainty (k=2)	4.3		

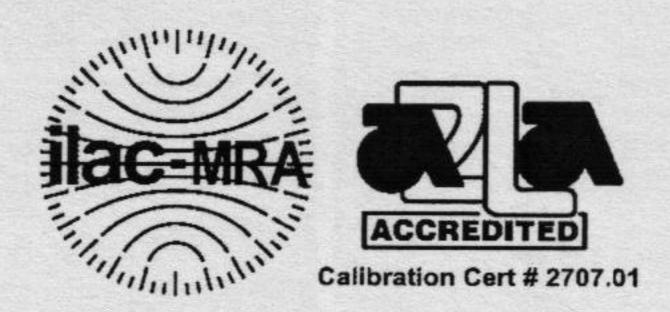
Reference standards	Ref. no.	Certificate no.	Date	
XC-80 (air pressure & humidity)	231Y52	231Y52-171009-00	09 October 17	
XC air temperature sensor	170W74	170W74-171007-00	07 October 17	
Test procedure	PT-50304		01 January 01	

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	09 November 2017	

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Renishaw Inc 1001 Wesemann Drive West Dundee IL 60118



Certificate number 8U7476-171109-00

L-9908-1143-03