

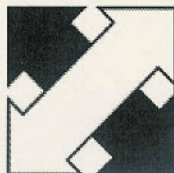
CERTIFICATE OF CALIBRATION

Issued By Pullman Instruments (UK) Ltd.

Date of Issue 28 January 2014

Certificate Number
1262538

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Pullman Instruments (UK) Ltd.
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Approved Signatory

A.J.Cox

M. Conboy

Customer : INSTROMET WEATHER SYSTEMS LTD
UNIT 10B, LYGATE INDUSTRIAL ESTATE, NORTH WALSHAM
NORFOLK NR28 0AJ

Date Received : 27 January 2014

Instrument -	System ID :	140117	Job Number :	296751-1
	Description :	Wind Sensor		
	Manufacturer :	INSTROMET LTD		
	Model Number :	4-20mA		
	Serial Number :	140117		
	Procedure Version :	S/13079/S		

Environmental Conditions

Temperature :	20°C +/- 2°C	Mains Voltage :	230V +/- 20V
Relative Humidity :	50% +/- 15%	Mains Frequency :	50Hz +/- 0.1Hz

Comments

Customer Order No.

No calibration adjustments or repairs were made to unit.

All measurements traceable to national standards.

Unit tested to manufacturers specification

Traceability Information

<i>Instrument description</i>	<i>Serial number</i>	<i>Certificate number</i>	<i>Cal. Date</i>	<i>Cal. Period</i>
C265 - AIRFLOW 100mm Master Vane	119461	1205223/0812	05/06/2012	104
CM145 - Pace 6000 Pressure Calibrator	3609239 + 3607600	0221/0050953	18/03/2013	52
C278 - BEAMEX TC 303 Temp Cal	1227	0324/24144	25/07/2013	52
C287 - TESTO 615 HYGROMETER	00300028	0805/2013/9155	25/04/2013	52

Calibrated By : J.Winstanley

Date of Calibration : 28 January 2014

This certificate provides traceability of measurement to recognised National Standards, and to the units of measurement realised at the National Physical Laboratory or other recognised National Standards laboratories.

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This certificate complies with the requirements of BS EN ISO 10012:2003.

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Test Title	Tolerance	Applied Value	Reading	Pass/Fail
Wind Speed				
10m/s (7.2mA)	0.20mA	7.20mA	7.14mA	Pass
20m/s (10.4mA)	0.20mA	10.40mA	10.38mA	Pass
30m/s (13.6mA)	0.20mA	13.60mA	13.57mA	Pass
Wind Direction				
10°(4mA)	0.20°	10.00°	9.99°	Pass
180°(12mA)	0.20°	180.00°	180.00°	Pass
360°(20mA)	0.20°	360.00°	359.99°	Pass

END OF CALIBRATION

Uncertainties

Gen / Meas Pressure 0.08%Fs (C261) +/-0.05%Fs (C230) +/- 0.075%Fs (C141)