

# LIMITED CERTIFICATE OF CALIBRATION

Certificate Number: 43897

## CALIBRATION LABORATORY

INTERTEK B&C  
130 DERRY COURT  
YORK, PA 17406

## OWNER

INTERTEK - 625  
8431 MURPHY DRIVE  
MIDDLETON, WI 53562

## EQUIPMENT INFORMATION

Asset Number: 001450  
Serial Number: 16962472  
Manufacturer: COMET  
Model Number: T7510  
Description: TEMPERATURE AND HUMIDITY SENSOR  
Size/Range: -30 to 80°C, 0 to 100% RH  
Resolution: 2

## CALIBRATION INFORMATION

Procedure: 31-33 RH - TEMP  
Temp./RH: 76.1 °F / 36.8 %  
Cal Date: 11/23/20  
Due Date: 11/23/21  
Initial Calibration Result:  
Calibration Result: PASS  
Performed By: ED SULLIVAN

## CALIBRATION NOTES

No Visual Defects.

Uncertainties 15% RH: 1.65, 50% RH: 0.35, 80% RH: 1.16, 59 F: 0.22, 73.4 F: 0.21



Architectural Testing, Inc., an Intertek company ("Intertek B&C"), certifies that the above listed instrument meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST). Intertek B&C's Calibration Laboratory is accredited by the International Accreditation Service, Inc. (IAS) to ISO/IEC 17025:2005 (Certificate CL-118). The measurement uncertainties for this calibration are based upon 95% (k=2) confidence limits. This report may not be reproduced, except in full, without the written approval of Intertek B&C.

Servicing Technician:

A handwritten signature in black ink that reads "Edwin W. Sullivan".

ED SULLIVAN  
METROLOGY TECHNICIAN  
Intertek B&C

Approved By:

A handwritten signature in black ink that reads "Matt Rosario".

MATT ROSARIO  
CALIBRATIONS MANAGER  
Intertek B&C

This certificate is complete only when all data pages are included.

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## TEST POINTS

Seq.	Description	Standard	Tolerance -	Tolerance +	As Found	As Left	Units	Uncertainty
1	59.0 Degr F	59.0	58.0	60.0	59.1	59.1	Degr F	0
2	59.0 Degr F	59.0	58.0	60.0	59.0	59.0	Degr F	0
3	59.0 Degr F	59.0	58.0	60.0	58.8	58.8	Degr F	0
4	15% RH (15 C)	15.0	12.5	17.5	16.0	16.0	%	0
5	15% RH (15 C)	15.0	12.5	17.5	16.0	16.0	%	0
6	15% RH (15 C)	15.0	12.5	17.5	15.8	15.8	%	0
7	50% RH (15 C)	50.0	47.5	52.5	49.7	49.7	%	0
8	50% RH (15 C)	50.0	47.5	52.5	49.7	49.7	%	0
9	50% RH (15 C)	50.0	47.5	52.5	49.5	49.5	%	0
10	80% RH (15 C)	80.0	77.5	82.5	78.4	78.4	%	0
11	80% RH (15 C)	80.0	77.5	82.5	78.5	78.5	%	0
12	80% RH (15 C)	80.0	77.5	82.5	78.5	78.5	%	0
13	73.4 Degr F	73.4	72.4	74.4	73.9	73.9	Degr F	0
14	73.4 Degr F	73.4	72.4	74.4	73.7	73.7	Degr F	0
15	73.4 Degr F	73.4	72.4	74.4	73.7	73.7	Degr F	0
16	15% RH (23 C)	15.0	12.5	17.5	17.3	17.3	%	0
17	15% RH (23 C)	15.0	12.5	17.5	17.0	17.0	%	0
18	15% RH (23 C)	15.0	12.5	17.5	16.9	16.9	%	0
19	50% RH (23 C)	50.0	47.5	52.5	49.6	49.6	%	0
20	50% RH (23 C)	50.0	47.5	52.5	49.6	49.6	%	0
21	50% RH (23 C)	50.0	47.5	52.5	49.8	49.8	%	0
22	80% RH (23 C)	80.0	77.5	82.5	78.2	78.2	%	0
23	80% RH (23 C)	80.0	77.5	82.5	78.2	78.2	%	0
24	80% RH (23 C)	80.0	77.5	82.5	78.3	78.3	%	0

## STANDARDS USED TO CALIBRATE EQUIPMENT

Company	I.D.	Description	Last Cal.	Cal. Due Date
INTERTEK - 118	005581	HUMIDITY & TEMPERATURE GENERATOR	7/10/2020	7/10/2021
INTERTEK - 118	INT01927	TEMPERATURE AND HUMIDITY SENSOR	5/22/2020	5/22/2021

END OF DATA