

Certificate of Calibration

Customer: INTERTEK MIDDLETON
8431 MURPHY DR.
MIDDLETON, WI, 53562
608-824-7422

P.O. Number:
ID Number: 1340

Description: PRECISION PSYCHROMETER
Manufacturer: EXTECH
Model Number: RH390
Serial Number: 13018340
Technician: RICHARD PANKEY

Calibration Date: 09/21/2015
Calibration Due: 09/21/2016
Procedure: TMI-M-HYGROTHERMOGRAPHS
Rev: 2/22/2011

Temperature: 67 F
Humidity: 35 % RH

As Found Condition: IN TOLERANCE

Calibration Results: IN TOLERANCE

On-Site Calibration: ☐

Comments: ~~Salts were used as an intrinsic standard~~

Limiting Attribute:

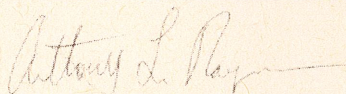
This instrument has been calibrated using standards traceable to the National Institute of Standards and Technology, derived from natural physical constants, ratio measurements or compared to consensus standards. Unless otherwise noted, the method of calibration is direct comparison to a known standard.

Reported uncertainties and "test uncertainty ratios" (TUR's) are expressed as expanded uncertainty values at approximately 95% confidence level using a coverage factor of K=2. A TUR of 4:1 is routinely observed unless otherwise noted on the certificate. Statements of compliance are based on test results falling within specified limits with no reduction by the uncertainty of the measurement.

TMI's Quality System is accredited to ISO/IEC 17025 and ANSI/NCSL Z540-1 by A2LA. ISO/IEC17025 is written in a language relevant to laboratory operations, meeting the principles of ISO 9001 and aligned with its pertinent requirements. The instrument listed on this certificate has been calibrated to the requirements of ANSI/NCSL Z540-1 and TMI's Quality Manual, QM-1.

Results contained in this document relate only to the item calibrated. Calibration due dates appearing on the certificate or label are determined by the client for administrative purposes and do not imply continued conformance to specifications.

This certificate shall not be reproduced, except in full, without the written permission of Technical Maintenance, Inc.



ANTHONY ROGERS, BRANCH MANAGER



JACK SHULER, QUALITY MANAGER

Calibration Standards

<u>Asset Number</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Date Calibrated</u>	<u>Cal Due</u>
Y3530060/Y4030007	VAISALA	HMP46/HMI41	9/4/2014	10/11/2015
RKFD100	FLUKE	9103	6/26/2015	2/26/2017



Technical Maintenance, Inc.

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ANSI/NCSL Z540-1-1994

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Data Sheet

<u>Parameter</u>	<u>Nominal</u>	<u>Minimum</u>	<u>Maximum</u>	<u>As Found</u>	<u>As Left</u>	<u>Unit</u>	<u>ADJ/FAIL</u>
Temperature Accuracy, °F	80.0	78.2	81.8	79.8	79.8	°F	
Temperature Accuracy, °F	70.0	68.2	71.8	69.7	69.7	°F	
Temperature Accuracy, °F	60.0	58.2	61.8	59.6	59.6	°F	
Humidity Accuracy, (10-90% RH range)	11.0	9.0	13.0	11.6	11.6	%RH	
Humidity Accuracy, (10-90% RH range)	33.0	31.0	35.0	33.3	33.3	%RH	
Humidity Accuracy, (10-90% RH range)	75.0	73.0	77.0	75.8	75.8	%RH	



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