



## CERTIFICATE OF CALIBRATION

Certificate No.: 38181

Date of issue: March 11, 2015

### Calibration data (as found and as returned)

Channel No.	Applied Voltage (VDC)	Expected DUT Reading (°F)	DUT Reading (°F)	Measurement Uncertainty (±)(°F)	Tolerance Limits (±)(°F)	Pass/fail
1	0.000	-50	-50	1	5	p
1	2.787	382	382	1	5	p
1	6.013	882	882	1	5	p
1	9.239	1382	1383	1	5	p
2	0.000	-50	-50	1	5	p
2	2.787	382	382	1	5	p
2	6.013	882	883	1	5	p
2	9.239	1382	1383	1	5	p
3	0.000	-50	-50	1	5	p
3	2.787	382	382	1	5	p
3	6.013	882	882	1	5	p
3	9.239	1382	1383	1	5	p
4	0.000	-50	-50	1	5	p
4	2.787	382	382	1	5	p
4	6.013	882	882	1	5	p
4	9.239	1382	1383	1	5	p
5	0.000	-50	-50	1	5	p
5	2.787	382	382	1	5	p
5	6.013	882	883	1	5	p
5	9.239	1382	1383	1	5	p
6	0.000	-50	-50	1	5	p
6	2.787	382	382	1	5	p
6	6.013	882	882	1	5	p
6	9.239	1382	1383	1	5	p

Note 1: DUT: Device under test.

Note 2: The DUT was powered by a 120 V AC (60 Hz) line and was calibrated after a 30-minute warm-up period.

Note 3: The measurement uncertainty of this calibration, assuming normally distributed data, was derived from effective standard deviations and has been expanded to obtain a coverage factor of k=2 at a level of confidence of approximately 95%.

Note 4: The memory battery was replaced before the above calibration.

Note 5: The tolerance limits were assigned by the customer.

Note 6: The expected DUT readings were calculated using the following equation:

$$T = 155V - 50$$

Where  $V$  is in volts and

$T$  is in °F