

CALIBRATION REPORT

| | | | |
|-------------------|--------------|---------------------------|---------------------|
| Product | DCRM ULTIMA | Customer | OASIS Techno, Noida |
| Sr. No. | 3021.00Y802 | Calibrated on | 21.02.2023 |
| Report No. | CAL/GP/AJ154 | Calibration Due on | 20.02.2024 |

Reference Standard used for Calibration:

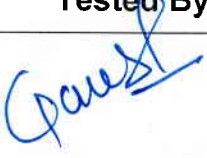

| | | | |
|--------------------------|-----------------------------|------------------------|----------------------------|
| Calibrator | SHUNT SET – INT 1 | Calibrated by | IE&I Pune |
| Report Reference. | ILI/ST&M/CERT/23/22-23/0401 | Calibration Due | 29 th Sept-2023 |

1.0 OBSERVATIONS:

| Sr. No | Resistance Range Selected | Resistance in $\mu\Omega$ | Acceptance limits of Resistance in $\mu\Omega$ | | Test Results Resistance in $\mu\Omega$ | |
|--------|---------------------------|---------------------------|--|------|--|------|
| | | | MIN | MAX | CH1 | CH2 |
| 1. | 1000 $\mu\Omega$ | 160 | 153 | 167 | 161 | 162 |
| 2. | 2000 $\mu\Omega$ | 160 | 153 | 167 | 162 | 161 |
| | | 1600 | 1563 | 1637 | 1610 | 1612 |
| 3. | 4000 $\mu\Omega$ | 160 | 153 | 167 | 162 | 161 |
| | | 1600 | 1563 | 1637 | 1612 | 1610 |
| 4. | 8000 $\mu\Omega$ | 160 | 153 | 167 | 161 | 161 |
| | | 1600 | 1563 | 1637 | 1610 | 1611 |

2.0 BRIEF RESULTS:

The product under test complies with calibration specification indicated above and is Verified to be within calibration.

| | |
|---|---|
| Tested By | Certified By |
|  |  |



ULR-CC274222000004347F

CALIBRATION CERTIFICATE

| Date of Calibration | Recommended Date for Next Calibration | Date of Issue | Certificate No | Docket No. | Page |
|---------------------|---------------------------------------|---------------|--------------------|---------------|--------|
| 20.12.2022 | 20.12.2023 | 27.12.2022 | ARAI/CAL/2212/3189 | 857/2022-2023 | 1 of 2 |

- Customer Name & Address (*) **SCOPE T&M PVT. LTD.**
EL 31/11, " J " BLOCK MIDC BHOSARI PUNE 411 026. MAHARASHTRA
- Calibration Carried out at **Calibration Laboratory**
- Customer Requirements (*) **Calibration without adjustment.**
- Date of Receipt/Inspection of Instrument **15.12.2022**
- Condition of the Instrument **Instrument received in working condition.**

DETAILS OF THE DEVICE UNDER CALIBRATION : (*)

| | | | | | |
|--------------------------|-------------|------------|---------------------|-------------|---------------|
| Name | Scale TCV | Make | Scope T&M Pvt. Ltd | Model | Scale TCV |
| Sr No | 2204.00AC04 | ID No | Sr. No. 2204.00AC04 | Range | Refer Results |
| Resolution | NA | Accuracy | Not mentioned | | |
| Environmental Conditions | Temperature | (25 ± 4)°C | Relative Humidity | (30 to 75)% | Baro Pre NA |

REFERENCE STANDARD USED FOR CALIBRATION (TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS)

| Name of Equipment | Id. No. | Due Date | Traceability (Report No.) |
|--------------------|-----------------|------------|---------------------------------|
| Digital Multimeter | CAL/178 | 21.11.2023 | ARAI, Pune (ARAI/CAL/2211/2858) |
| Universal Counter | CAL/STD/ELE/097 | 24.12.2022 | ERTL(W)/2021 S&C 343 |

CALIBRATION PROCEDURE NO. CP:003:CAL

Remarks : Calibration sticker is issued and customer has to refer the calibration results during use.

S.P. Sheth
Calibrated By
[S.P.Sheth, ENGR.]



CC-2742

V.K. Jadhav
Authorised Signatory
[V.K.Jadhav, D. D.]

NOTE

1. This certificate refers only to particular item(s) submitted for calibration. 2. This Certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from the Director, Automotive Research Association of India (ARAI), Pune. 3. The calibration results reported in this Certificate are valid at the time and under the stated conditions of measurements. 4. ARAI is not responsible for stand guarantee of calibration status through out the life of the equipment. However, the user is responsible to maintain the calibration accuracy within specified limits. 5. NABL Certificate No. CC 2742 (Electro Technical, Mechanical, Thermal, Fluid Flow). 6. The information marked with "*" is provided by customer.

An ISO 9001, ISO 14001, ISO 45001 and ISO/IEC 27001 Certified Organization

Regd. Office : S. No. 102, Vetal Hill, Off Paud Road,
Kothrud, Pune - 411 038 (India).
P. B. No. 832, Pune - 411 004 (India)

Tel. : +91-20-6762 1111, 3023 1111
Fax : +91-20-6762 1104, 3023 1104

E-mail : director@araiindia.com, Website : www.araiindia.com

ARAI Homologation & Technology Centre (ARAI-HTC), Chakan
ARAI Forging Industry Division (ARAI-FID), Chakan
ARAI Regional Centre South (ARAI-RCS), Chennai

| | | | |
|---------------------|---------------------------------------|---------------|--------------------------|
| Date of Calibration | Recommended Date For Next Calibration | Date of Issue | Certificate No. |
| 20.12.2022 | 20.12.2023 | 27.12.2022 | ARAI / CAL / 2212 / 3189 |

Calibration Results: Without Adjustment

| Sr. No. | Parameter | Terminals | Expected DUC Reading | Actual Master Reading | Deviation | ± Expanded Uncertainty at 95.45% C.L. with respective value of <i>k</i> | |
|---------|----------------------------|-------------|----------------------|-----------------------|-----------|---|-----------------|
| 1 | Open Time (Main) / Period | GND & Cal 2 | 50 ms | 50.025 ms | 0.025 ms | 0.0158 ms | <i>k</i> = 4.53 |
| 2 | Open Ramp Time / Period | GND & Cal 4 | 75 ms | 75.031 ms | 0.031 ms | 0.021 ms | <i>k</i> = 4.53 |
| 3 | Close Time (Main) / Period | GND & Cal 5 | 100 ms | 100.024 ms | 0.024 ms | 0.012 ms | <i>k</i> = 4.53 |
| 4 | Close Ramp Time / Period | GND & Cal 6 | 150 ms | 150.028 ms | 0.028 ms | 0.0059 ms | <i>k</i> = 4.53 |
| 5 | Ramp Voltage | GND & VAR | 4 V | 4.0035 V | 0.0035 V | 0.00025 V | <i>k</i> = 2.00 |
| 6 | Current | C + & C - | 1 A | 0.9792 A | -0.0208 A | 0.0011 A | <i>k</i> = 2.00 |

Note : 1. DUC: Device Under Calibration
 2. For ± NABL CMC refer (2 pages) annexure
 3. Recommended date for next calibration is based on customer requirement
 *** End of Certificate ***

Sheth

Calibrated By
[S.P.Sheth, ENGR]

V.K. Jadhav

Authorised Signatory
[V.K.Jadhav, D.D.]

Annexure

| Source Capability at Lab | | | | | |
|--|--|--------------------|------------------|------------------|---------------|
| Sr. No. | Parameters | Ranges | ± NABL CMC In % | | |
| 1 | DC Voltage | 0.1 mV to 1 mV | 0.48 - 0.048 | | |
| | | 1 mV to 200 mV | 0.048 - 0.0013 | | |
| | | 200 mV to 22 V | 0.0012 - 0.0006 | | |
| | | 22 V to 1000 V | 0.0006 - 0.00094 | | |
| 2 | DC Current | 10 µA to 220 µA | 0.074 - 0.0084 | | |
| | | 220 µA to 22 mA | 0.0084 - 0.0044 | | |
| | | 22 mA to 2.2 A | 0.0044 - 0.010 | | |
| | | 2.2 A to 11 A | 0.010 - 0.047 | | |
| | | 11 A to 20 A | 0.047 - 0.11 | | |
| | | 20 A to 1000 A | 0.09 to 0.81 | | |
| 3 | Resistance | 1 Ω to 19 Ω | 0.013 - 0.0028 | | |
| | | 19 Ω to 190 kΩ | 0.0027 - 0.0015 | | |
| | | 190 kΩ to 1.9 MΩ | 0.0015 - 0.0027 | | |
| | | 1.9 MΩ to 19 MΩ | 0.0027 - 0.0059 | | |
| | | 19 MΩ to 100 MΩ | 0.0059 - 0.014 | | |
| | | 100 MΩ to 400 MΩ | 0.019 - 0.36 | | |
| | | 400 MΩ to 999.9 MΩ | 0.36 - 0.55 | | |
| | | 1 GΩ | 0.042 | | |
| | | 25 Ω | 0.00032 | | |
| | | 100 Ω | 0.00025 | | |
| | | 300 Ω | 0.00025 | | |
| | | 400 Ω | 0.00039 | | |
| | | 4 | AC Voltage | 10 Hz to 20 kHz | |
| | | | | 1 mV to 2.2 mV | 0.49 - 0.26 |
| 2.2 mV to 2 V | 0.26 - 0.0071 | | | | |
| 2 V to 100 V | 0.0071 - 0.034 | | | | |
| 20 kHz to 100 kHz | | | | | |
| 1 mV to 22 mV | 0.75 - 0.036 | | | | |
| 22 mV to 200 V | 0.098 - 0.0091 | | | | |
| 100 kHz to 300 kHz | | | | | |
| 1 mV to 2.2 V | 1.32 - 0.057 | | | | |
| 2.2 V to 200 V | 0.057 - 0.042 | | | | |
| 300 kHz to 1 MHz | | | | | |
| 1 mV to 2.2 V | 2.64 - 0.13 | | | | |
| 2 V to 20 V | 0.13 - 0.22 | | | | |
| 40 Hz to 20 kHz | | | | | |
| 100 V to 200 V | 0.019 - 0.0091 | | | | |
| 200 V to 1000 V | 0.0091 to 0.039 | | | | |
| 5 | AC Current | | | 10 Hz to 1 kHz | |
| | | | | 10 µA to 220 µA | 0.22 - 0.019 |
| | | | | 220 µA to 220 mA | 0.019 - 0.033 |
| | | | | 40 Hz to 1 kHz | |
| | | 220 mA to 10 A | 0.019 - 0.059 | | |
| | | 10 A to 20 A | 0.059 - 0.27 | | |
| | | 1 kHz to 5 kHz | | | |
| | | 20 mA to 220 mA | 0.018 - 0.027 | | |
| | | 220 mA to 10 A | 0.027 - 0.12 | | |
| | | 6-23 | AC Current | 5 kHz to 10 kHz | |
| 20 mA to 10 A | 0.027 - 0.42 | | | | |
| 50 Hz | | | | | |
| 20 A to 1000 A | 0.27 - 0.84 | | | | |
| AC Power | (120 V to 240 V / 10 mA to 20 A @ UPF, 50Hz) | | | | |
| | 1.2 W to 120 W | | 0.126 | | |
| | 120 W to 1200 W | | 0.126 - 0.18 | | |
| 1200 W to 4800 W | 0.18 | | | | |
| DC Power | 1 V to 1000V, 10 mA to 19.95 A | | | | |
| | 1 W to 1000 W | | 0.093 - 0.0063 | | |
| | 1000 W to 12000 W | | 0.0063 - 0.121 | | |
| Power Factor | 0 to 1 PF | | 0.32 - 0.18 | | |
| K Type T/C | -250 °C to -200 °C | | 0.15 °C | | |
| J Type T/C | -200 °C to 1370 °C | | 0.031 °C | | |
| | -210 °C to -200 °C | | 0.034 °C | | |
| E Type T/C | -200 °C to 1200 °C | | 0.021 °C | | |
| | -250 °C to -200 °C | | 0.06 °C | | |
| N Type T/C | -200 °C to 1000 °C | | 0.03 °C | | |
| | -250 °C to -200 °C | | 0.20 °C | | |
| R Type T/C | -200 °C to -100 °C | | 0.06 °C | | |
| | -100 °C to 1300 °C | | 0.03 °C | | |
| S Type T/C | 0 °C to 100 °C | | 0.1 °C | | |
| | 100 °C to 1768 °C | | 0.061 °C | | |
| B Type T/C | 0 °C to 100 °C | 0.1 °C | | | |
| | 100 °C to 1768 °C | 0.07 °C | | | |
| T Type T/C | 200 °C to 500 °C | 0.24 °C | | | |
| | 500 °C to 1820 °C | 0.07 °C | | | |
| RTD | -250 °C to -200 °C | 0.09 °C | | | |
| | -200 °C to 400 °C | 0.04 °C | | | |
| | -200 °C to 850 °C | 0.03 °C | | | |
| DC Capacitance | 3 nF to 400 nF | 1.0 - 0.42 | | | |
| | 400 nF to 400 µF | 0.42 - 0.65 | | | |
| | 400 µF to 30 mF | 0.65 - 1.40 | | | |
| Frequency | 1 Hz to 350 MHz | 0.0012 | | | |
| Period | 5 ns to 100 ms | 0.00012 | | | |
| | 100 ms to 5 s | 0.00012 | | | |
| Vertical deflection (Square Wave, DC Function & Sine function) | 2 mVpp to 120 Vpp | 0.30 | | | |
| Horizontal Deflection | 2 ns to 5 s | 0.003 | | | |
| Bandwidth | 50 kHz to 800 MHz | 1.5 - 5.5 | | | |

| Measure Capability at Lab | | | |
|---------------------------|----------------------|--------------------|------------------|
| Sr. No. | Parameters | Ranges | ± NABL CMC In % |
| 1 | DC Voltage | 0.1 mV to 1 mV | 0.132 - 0.013 |
| | | 1 mV to 200 mV | 0.013 - 0.0007 |
| | | 200 mV to 1000 V | 0.0007 - 0.001 |
| | | 1 kV to 10 kV | 1.16 |
| 2 | DC Current | 10 µA to 200 µA | 0.0087 - 0.0023 |
| | | 200 µA to 200 mA | 0.0023 - 0.0069 |
| | | 200 mA to 2 A | 0.0069 - 0.024 |
| | | 2 A to 20 A | 0.024 - 0.050 |
| 3 | Resistance | 1 Ω to 20 kΩ | 0.0062 - 0.0011 |
| | | 20 kΩ to 20 MΩ | 0.0011 - 0.0044 |
| | | 20 MΩ to 200 MΩ | 0.0044 - 0.037 |
| | | 200 MΩ to 1 GΩ | 0.037 - 0.29 |
| 4 | AC Voltage | 10 Hz to 1 kHz | |
| | | 1 mV to 1 V | 1.64 - 0.011 |
| | | 1 V to 100 V | 0.011 - 0.033 |
| | | 40 Hz to 20 kHz | |
| | | 100 V to 1000 V | 0.033 |
| | | 1 kHz to 10 kHz | |
| | | 1 mV to 100 V | 0.48 - 0.015 |
| | | 10 kHz to 100 kHz | |
| | | 1 mV to 100 V | 2.4 - 0.018 |
| | | 100 kHz to 1 MHz | |
| 1 V to 10 V | 3.46 - 2.31 | | |
| 50 Hz | | | |
| 1 kV to 10 kV | 2.5 | | |
| 5-17 | AC Current | 10 Hz to 1 kHz | |
| | | 10 µA to 200 mA | 0.29 - 0.048 |
| | | 200 mA to 20 A | 0.048 - 0.11 |
| | 1 kHz to 5 kHz | | |
| | 10 mA to 200 mA | 0.058 - 0.048 | |
| | 200 mA to 20 A | 0.048 - 0.30 | |
| | Frequency | 1 Hz to 350 MHz | 0.0005 - 0.00005 |
| | Period | 5 ns to 5 s | 0.00012 |
| | Time | 5 s to 24 hour | 0.03 s |
| | K Type T/C | -250 °C to -200 °C | 0.04 °C |
| | | -200 °C to 1370 °C | 0.02 °C |
| | J Type T/C | -210 °C to 1200 °C | 0.013 °C |
| | | -250 °C to -200 °C | 0.020 °C |
| | E Type T/C | -200 °C to 1000 °C | 0.013 °C |
| | | -250 °C to -200 °C | 0.012 °C |
| | N Type T/C | -200 °C to 1300 °C | 0.015 °C |
| | | -250 °C to -200 °C | 0.087 °C |
| B Type T/C | 200 °C to 500 °C | 0.026 °C | |
| | 500 °C to 1820 °C | 0.026 °C | |
| R Type T/C | 0 °C to 100 °C | 0.03 °C | |
| | 100 °C to 1768 °C | 0.02 °C | |
| S Type T/C | 0 °C to 100 °C | 0.03 °C | |
| | 100 °C to 1768 °C | 0.03 °C | |
| T Type T/C | -250 °C to 400 °C | 0.03 °C | |
| | -200 °C | 0.01 °C | |
| RTD | -199.99 °C to 850 °C | 0.031 °C | |

SKM

Annexure

| Source Capability at Site | | | | | |
|---------------------------|-------------|-------------------|-----------------|--|--------------|
| Sr. No. | Parameters | Ranges | ± NABL CMC in % | | |
| 1 | DC Voltage | 1 mV to 10 mV | 0.36 - 0.042 | | |
| | | 10 mV to 1000 V | 0.042 - 0.007 | | |
| 2 | DC Current | 10 µA to 329 µA | 0.26 - 0.024 | | |
| | | 329 µA to 329 mA | 0.024 - 0.013 | | |
| | | 329 mA to 10 A | 0.013 - 0.075 | | |
| | | 10 A to 20 A | 0.075 - 0.09 | | |
| | | 20 A to 1000 A | 0.09 - 0.81 | | |
| | | 1 Ω to 40 Ω | 0.08 - 0.011 | | |
| 3 | Resistance | 40 Ω to 400 kΩ | 0.011 - 0.018 | | |
| | | 400 kΩ to 320 MΩ | 0.018 - 0.63 | | |
| | | 320 MΩ to 1100 MΩ | 0.83 - 1.73 | | |
| | | 10 Hz to 10 kHz | | | |
| 4 | AC Voltage | 1 mV to 30 V | 2.55 - 0.037 | | |
| | | 30 V to 100 V | 0.037 - 0.080 | | |
| | | 40 Hz to 10 kHz | | | |
| | | 100 V to 1000 V | 0.060 - 0.11 | | |
| | | 10 kHz to 30 kHz | | | |
| | | 30 mV to 300 V | 0.93 - 0.090 | | |
| | | 30 kHz to 50 kHz | | | |
| | | 30 mV to 200 V | 0.31 - 0.14 | | |
| | | 50 kHz to 100 kHz | | | |
| | | 30 mV to 200 V | 0.54 - 0.30 | | |
| | | 5 | AC Current | 10 Hz to 1 kHz | |
| | | | | 30 µA to 30 mA | 0.62 - 0.101 |
| | | | | 30 mA to 3 A | 0.101 - 0.20 |
| | | | | 3 A to 10 A | 0.20 - 0.10 |
| 40 Hz to 1 kHz | | | | | |
| 10 A to 20 A | 0.29 - 0.14 | | | | |
| 1 kHz to 3 kHz | | | | | |
| 300 µA to 20 A | 0.10 - 3.49 | | | | |
| 3 kHz to 5 kHz | | | | | |
| 19 mA to 20 A | 0.10 - 3.49 | | | | |
| 50 Hz | | | | | |
| 20 A to 1000 A | 0.27 - 0.79 | | | | |
| 6 | AC Power | | | (120 V to 240 V / 10 mA to 20 A @ UPF, 50Hz) | |
| | | | | 1.2 W to 120 W | 0.126 |
| | | 120 W to 1200 W | 0.126 - 0.18 | | |
| | | 1200 W to 4800 W | 0.18 | | |

| Sr. No. | Parameters | Ranges | ± NABL CMC in % |
|---------|--|--------------------------------|-----------------|
| 7 | DC Power | 1 V to 1000V, 10 mA to 19.95 A | |
| | | 1 W to 1000 W | 0.093 - 0.0063 |
| | | 1000 W to 12000 W | 0.0063 - 0.121 |
| 8 | Power Factor | 0 to 1 PF | 0.32 - 0.18 |
| 9 | K Type T/C | -200 °C to -100 °C | 0.35 °C |
| | | -100 °C to 800 °C | 0.20 °C |
| | | 800 °C to 1370 °C | 0.30 °C |
| 10 | J Type T/C | -210 °C to -200 °C | 0.28 °C |
| | | -200 °C to 200 °C | 0.10 °C |
| | | 200 °C to 1200 °C | 0.18 °C |
| 11 | E Type T/C | -250 °C to -200 °C | 0.54 °C |
| | | -200 °C to -100 °C | 0.22 °C |
| | | -100 °C to 1000 °C | 0.14 °C |
| 12 | B Type T/C | 500 °C | 2.3 °C |
| | | 501 °C to 800 °C | 0.92 °C |
| | | 800 °C to 1820 °C | 0.58 °C |
| 13 | R Type T/C | 0 °C to 100 °C | 0.80 °C |
| 14 | S Type T/C | 100 °C to 1768 °C | 0.46 °C |
| | | 0 °C to 100 °C | 0.81 °C |
| 15 | T Type T/C | 100 °C to 1768 °C | 0.52 °C |
| | | -250 °C | 0.70 °C |
| | | -250 °C to -100 °C | 0.30 °C |
| 16 | N Type T/C | -100 °C to 400 °C | 0.12 °C |
| | | -200 °C | 0.50 °C |
| | | -200 °C to 1300 °C | 0.20 °C |
| 17 | RTD | -200 °C to 300 °C | 0.10 °C |
| | | 300 °C to 850 °C | 0.20 °C |
| | | 3 nF to 400 nF | 1.0 - 0.42 |
| 18 | DC Capacitance | 400 nF to 400 µF | 0.42 - 0.65 |
| | | 400 µF to 30 mF | 0.65 - 1.40 |
| 19 | Frequency | 1 Hz to 350 MHz | 0.0012 |
| 20 | Period | 5 ns to 5 s | 0.00012 |
| 21 | Vertical deflection (Square Wave, DC Function & Sine function) | 2 mVpp to 120 Vpp | 0.30 |
| 22 | Horizontal Deflection | 2 ns to 5 s | 0.003 |
| 23 | Bandwidth | 50 kHz to 600 MHz | 1.5 - 6.5 |

| Measure Capability at Site | | | |
|----------------------------|------------|-------------------|-----------------|
| Sr. No. | Parameters | Ranges | ± NABL CMC in % |
| 1 | DC Voltage | 1 mV to 100 mV | 0.42 - 0.0084 |
| | | 100 mV to 1000V | 0.0084 - 0.0060 |
| 2 | DC Current | 1 kV to 10 kV | 1.16 |
| | | 10 µA to 10 mA | 0.36 - 0.060 |
| | | 10 mA to 10 A | 0.060 - 0.19 |
| | | 10 A to 20 A | 0.19 - 0.36 |
| 3 | Resistance | 1 Ω to 100 Ω | 0.48 - 0.016 |
| | | 100 Ω to 100 kΩ | 0.016 - 0.013 |
| | | 100 kΩ to 10 MΩ | 0.013 - 0.048 |
| | | 10 MΩ to 100 MΩ | 0.048 - 0.93 |
| | | 100 MΩ to 1000 MΩ | 0.93 - 2.3 |
| | | 10 Hz to 20 kHz | |
| 4 | AC Voltage | 1 mV to 100 V | 5.08 - 0.10 |
| | | 40 Hz to 1 kHz | |
| | | 100 V to 1000 V | 0.10 - 0.097 |
| | | 20 kHz to 50 kHz | |
| | | 1 mV to 100 mV | 4.71 - 0.10 |
| | | 100 mV to 100 V | 0.10 - 0.20 |
| | | 50 Hz | |
| | | 1 kV to 10 kV | 2.5 |
| 5 | AC Current | 10 Hz to 1 kHz | |
| | | 10 µA to 100 mA | 1.11 - 0.16 |
| | | 40 Hz to 5 kHz | |
| | | 20 mA to 10 A | 0.16 - 0.27% |
| | | 40 Hz to 1 kHz | |
| | | 10 A to 20 A | 0.27 - 0.55 |

| Sr. No. | Parameters | Ranges | ± NABL CMC in % |
|---------|------------|--------------------|------------------|
| 6 | Frequency | 1 Hz to 350 MHz | 0.0005 - 0.00005 |
| 7 | Period | 5 ns to 5 s | 0.00012 |
| 8 | Time | 5 s to 24 hour | 0.03 s |
| 9 | K Type T/C | -200 °C to -100 °C | 0.28 °C |
| | | -100 °C to 400 °C | 0.14 °C |
| | | 400 °C to 1370 °C | 0.22 °C |
| 10 | J Type T/C | -210 °C to -200 °C | 0.24 °C |
| | | -200 °C to 1200 °C | 0.12 °C |
| | | -250 °C to -200 °C | 0.47 °C |
| 11 | E Type T/C | -200 °C to 1000 °C | 0.11 °C |
| | | 500 °C to 800 °C | 0.80 °C |
| | | 800 °C to 1820 °C | 0.44 °C |
| 13 | R Type T/C | 0 °C to 50 °C | 0.81 °C |
| 14 | S Type T/C | 50 °C to 1768 °C | 0.40 °C |
| | | 0 °C to 50 °C | 0.81 °C |
| 15 | T Type T/C | 50 °C to 1768 °C | 0.47 °C |
| | | -250 °C | 0.63 °C |
| | | -250 °C to -100 °C | 0.27 °C |
| 16 | N Type T/C | -100 °C to 400 °C | 0.10 °C |
| | | -250 °C to -100 °C | 0.60 °C |
| | | -100 °C to 1300 °C | 0.20 °C |
| 17 | RTD | -200 °C to 0 °C | 0.04 °C |
| | | 0 °C to 400 °C | 0.10 °C |
| | | 400 °C to 850 °C | 0.20 °C |

Handwritten signature/initials