



บริษัท ไทย-เกาหลี คาลิเบรชั่น เซ็นเตอร์ จำกัด
Thai - Korea Calibration Center Co., Ltd.



ฝ่ายปฏิบัติการสอบเทียบนอกสถานที่ของ Lab SICT
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ให้บริการด้านการสอบเทียบและปรับเทียบ เครื่องมือวัดอุตสาหกรรม ทั้งในและนอกสถานที่
ตามมาตรฐาน ISO/IEC 17025 : 2017 ด้วยผลการสอบเทียบที่ถูกต้องแม่นยำ และบริการที่รวดเร็ว

จุดมุ่งหมายในการดำเนินงานด้านคุณภาพและการให้บริการแก่ลูกค้า

1. สอบเทียบภายใต้ข้อบ่งชี้การรับรองมาตรฐาน ISO/IEC17025: 2017 และความต้องการของลูกค้าอย่างมืออาชีพ
(Calibration under ISO/IEC17025: 2017 and customers requirement with professional manner)
2. ดำเนินการสอบเทียบและส่งคืนเครื่องมือภายใน 5 วันทำการ
(Completed calibration and return UUC within 5 days)
3. บริการสอบเทียบนอกสถานที่ภายใต้ข้อบ่งชี้การรับรอง
(Onsite calibration under accreditation scope)
4. บริการฟรี เก็บรายงานผล และประวัติการสอบเทียบด้วยโปรแกรมควบคุมเครื่องมือ (TIMS) 10 ปี
(Free for keep certificate and history by TIMS program 10 Year)
5. บริการรับ-ส่งเครื่องมือฟรี และสามารถให้บริการสอบเทียบในวันหยุดได้
(Non charging of transportation cost and special service in holiday)
6. มอบข้อเสนอในการให้บริการเป็นกรณีพิเศษสำหรับลูกค้าที่ทำสัญญาสอบเทียบ
(Special offers for all long-term calibration contract)
7. ให้คำปรึกษาด้านการวัดและการควบคุมเครื่องมือวัดตามระบบมาตรฐานคุณภาพทุกระบบ
(Consulting, measurement and control instrumentation systems based on all QMS.)



Line ID: sale.tkcc

ติดต่อขอทราบรายละเอียดเพิ่มเติมหรือขอรับบริการได้ที่ website: www.tkcal.net หรือเจ้าหน้าที่

| | | |
|-------------------------|--|--|
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| No | Group | Calibration item | Cal Range / Function | Cal Lab./ Type | |
|--|-------|---------------------------------------|--|----------------|------------|
| | | | | TKCC. | SICT. |
| Equipment type (Dimension, Hardness, Form, Geometry, Angle) | | | | | |
| 1 | Dim | Vernier, depth gauge, caliper gauge | (0 to 1 000) mm (up to 2 000 mm) | Lab* | Lab*/Site* |
| 2 | Dim | External micrometer | (0 to 1 000) mm | Lab* | Lab*/Site* |
| 3 | Dim | 3-Point micrometer, holtest | (2 to 100 mm) (up to 200 mm) | Lab* | Lab*/Site* |
| 4 | Dim | Inside micrometer | (5 to 300) mm | Lab* | Lab*/Site* |
| 5 | Dim | Depth micrometer | (0 to 300) mm | Lab* | Lab*/Site* |
| 6 | Dim | Tubular inside micrometer | (0 to 1 000) mm | Lab* | Lab*/Site* |
| 7 | Dim | V-anvil micrometer | (1 to 85) mm | Lab | Lab*/Site* |
| 8 | Dim | Heigh gauge | (0 to 1 000) mm | Lab* | Lab*/Site* |
| 9 | Dim | Dial gauges | (0 to 25) mm | Lab* | Lab*/Site* |
| 10 | Dim | Dial and digital thickness gauge | (0 to 100) mm | Lab* | Lab*/Site* |
| 11 | Dim | Dial test indicator | (0 to 5) mm | Lab* | Lab*/Site* |
| 12 | Dim | Pin, plain plug and cylindrical gauge | (0.01 to 125) mm (up to 200 mm) | Lab* | Lab*/Site* |
| 13 | Dim | Go, No Go gauge | (0.01 to 125) mm (up to 200 mm) | Lab* | Lab*/Site* |
| 14 | Dim | Bore / Cylinder gauge | (0 to 1.4) mm (up to 1 000 mm) | Lab* | Lab*/Site* |
| 15 | Dim | Feeler gauge, thickness gauge | (0.01 to 3) mm (up to 10 mm) | Lab* | Lab*/Site* |
| 16 | Dim | Coating thickness, specimen, foil | (0.001 to 2) mm | Lab* | Lab*/Site* |
| 17 | Dim | Profile projector | (0 to 300) mm | Site* | Site* |
| 18 | Dim | Measuring microscope | (0 to 300) mm | Site* | Site* |
| 19 | Dim | Precision square | (0 to 600) mm | Lab* | Lab* |
| 20 | Dim | Bevel, Universal bevel protractor | (0 to 90)° (Left/Right) | Lab* | Lab*/Site* |
| 21 | Dim | Radius gauge | (0 to 100) mm (up to 500 mm) | Lab* | Lab* |
| 22 | Dim | Steel ruler | (0 to 2 000) mm | Lab* | Lab* |
| 23 | Dim | Taper gauge (scale type) | (0 to 100) mm | Lab* | Lab* |
| 24 | Dim | Thread plug gauge (parallel type) | (1 to 105) mm | Lab* | Lab* |
| 25 | Dim | Cylindrical ring gauge | (5 to 105) mm (up to 200 mm) | Lab* | Lab* |
| 26 | Dim | Thread ring gauge (parallel type) | (5 to 150) mm (up to 200 mm) | Lab* | Lab* |
| 27 | Dim | Ultrasonic thickness, specimen | (2.5 to 100) mm | Lab | Lab* |
| 28 | Dim | Gauge block (Grade. 0,1,2) | (0.5 to 100) mm | Lab* | Lab* |
| 29 | Dim | Co-ordinate measuring machine (CMM) | (0 to 1 500) mm | Site | Site* |
| 30 | Dim | Precision surface plate | (0 to 30 000) cm ² (up to 250 000 cm ²) | Site* | Site* |
| 31 | Dim | Heigh master | (0 to 600) mm | Lab | Lab* |
| 32 | Dim | Precision level | Dimension, Angle | Lab | Lab* |
| 33 | Dim | Caliper checker | (0 to 600) mm | Lab | Lab* |
| 34 | Dim | Micrometer head | (0 to 50) mm | Lab* | Lab*/Site* |
| 35 | Dim | Setting rod / micrometer standard | (0.5 to 1 000) mm | Lab* | Lab*/Site |
| 36 | Dim | Dial gauge tester | (0 to 25) mm | Lab | Lab*/Site* |
| 37 | Dim | Roughness tester | Ra, Rz (H) | Site | Lab*/Site* |

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|--|----------|---|---|----------------|------------|
| | | | | TKCC. | SICT. |
| Equipment type (Dimension, Hardness, Form, Geometry, Angle) | | | | | |
| 38 | Dim | Electronic micrometer, comparator | (0 to 5) mm | Lab | Lab*/Site* |
| 39 | Dim | Test sive | Open size (0.025 to 4.75) mm | Lab* | Lab*/Site |
| | | | Diameter of wire rod (0.025 to 1.6) mm | Lab* | Lab*/Site |
| 40 | Mass | Electric, electronic, spring balance (SICT) | (0 to 1 000) kg | Lab*/Site* | Lab*/Site* |
| Equipment type (Mass, Force, Torque, Hardness) | | | | | |
| 41 | Force | Push & pull gauge, force gauge | (5 to 1 000) N | Lab* | Lab* |
| 42 | Torque | Torque wrench, torque screw driver | (0 to 1 000) N·m | Lab* | Lab*/Site* |
| 43 | Mass | Standard Weight | 1 mg to 20 kg | Lab | Lab*/Site* |
| 44 | Torque | Torque meter / Tester | (0.001 to 50) N·m | Lab | Lab* |
| 45 | Hardness | Hardness tester | Rockwell (20 to 70) HRC | Site | Site* |
| | | | (20 to 100) HRB | | |
| | | | Vicker Hardness (200 to 600) HV | Site | Site* |
| | | | (HV0.2, HV0.3, HV0.5, HV1, HV5, HV10, HV30) | | |
| | | | Shore (25 to 100) HS | Lab/Site | Site* |
| 46 | Hardness | Durometer hardness tester | Rubber, plastic (0 to 100)HDA,HDD | Lab* | Lab* |
| 47 | Force | Tension / Compression testing machine | 0.1 N to 50 kN | Site | Site* |
| Equipment type (Pressure) | | | | | |
| 48 | Pressure | Pressure measuring Instrument (hydraulic) | (0 to 70) MPa | Lab*/Site* | Lab*/Site* |
| 49 | Pressure | Pressure measuring Instrument (pneumatic) | (0 to 7 000) kPa | Lab*/Site* | Lab*/Site* |
| 50 | Pressure | Pressure vacuum gauge (pneumatic) | (-95 to 0) kPa | Lab*/Site* | Lab*/Site* |
| 51 | Pressure | Absolute pressure gauge | (5 to 7 000) kPa abs | Lab/Site | Lab*/Site* |
| 52 | Pressure | Compound pressure gauge | (-95 to 2 000) kPa | Lab/Site | Lab*/Site* |
| 53 | Pressure | Differential pressure gauge | (0 to 2 000) kPa | Lab/Site | Lab*/Site* |
| 54 | Pressure | Pressure transducer/transmitter | | Lab*/Site* | Lab*/Site* |
| | | - Vacuum gauge | (-95 to 0) kPa | | |
| | | - Gauge pressure (pneumatic) | (0 to 7 000) kPa | | |
| | | - Gauge pressure (hydraulic) | (0 to 70) MPa | | |
| Equipment type (Vibration) | | | | | |
| 55 | Mec | Vibration measuring instruments | Acceleration (10 ~ 2 500) Hz | Lab | Lab* |
| | | | Velocity (10 ~ 1 250) Hz | | |
| | | | Displacement (10 ~ 630) Hz | | |
| Equipment type (Chemical) | | | | | |
| 56 | Chemical | PH meter (PH) | 4, 7, 10 PH | Lab/Site | - |
| 57 | Chemical | Conductivity Meter (µS) | 84, 1413, 12880 (special 5,10) | Lab/Site | - |

| No | Group | Calibration item | Cal Range / Function | Cal Lab./ Type | |
|--|--------|--|---|----------------|------------|
| | | | | TKCC. | SICT. |
| Equipment type (Electrical Generating & Measurement) | | | | | |
| 58 | E-Meas | Digital & Analog Multimeter (DMM) (AC/DC Volt, AC/DC Current, Resistance) | Full range/ Full function | Lab*/site* | Site* |
| 59 | E-Meas | Resistance meter | 0 to 110 M Ω | Lab*/site* | Site* |
| 60 | E-Gen | Decade resistance box | up to 100 M Ω | Lab* | Lab*/Site* |
| 61 | E-Meas | DC / AC Clamp Meter | 0 to 1 000 A | Lab*/site* | Site* |
| 62 | E-Meas | AC Watt meter (Power meter)(PF = 1) | 0 to 10 kW | Lab*/site* | Site* |
| 63 | E-Meas | Watt Power Factor (PF) | -0.5 , 1.0, 0.5 | Lab*/site* | Lab*/Site* |
| 64 | E-Meas | Watt hour meter | 60 min to 1 hr | Lab | Lab* |
| 65 | E-Meas | Digital tachometer (Photo-type) | 30 to 99 999 r/min | Lab*/site | Site* |
| 66 | E-Meas | Stroboscope | 60 to 99 999 r/min | Lab*/site* | Site* |
| 67 | E-Meas | Universal Counter | Time base 10 MHz (at 1 s) | Lab*/site | Lab*/Site* |
| 68 | E-Meas | Frequency meter | 20 Hz to 1 MHz | Lab* | Lab*/Site* |
| 69 | Gen | Frequency source | 10 Hz to 225 MHz | Lab* | Lab*/Site* |
| 70 | E-Meas | Timer meter (timer relay) | 0.5 to 1200 s | Lab*/site* | Lab*/Site* |
| 71 | E-Meas | Function generators | Full function Ref. Model | Lab* | Lab*/Site* |
| 72 | E-Meas | LCR Meter | Full function | Lab*/site* | Lab*/Site* |
| 73 | E-Meas | Oscilloscope / Wave checker | Full function | Lab*/site | Lab*/Site* |
| 74 | E-Meas | ESD meter , Electrostatic voltmeters | 0.5 to 30 kV | Lab* | Lab* |
| 75 | E-Meas | DC Current Shunt (Resistance) | 1 m Ω to 10 Ω | Lab*/site | Site* |
| 76 | E-Gen | DC Power supply (Voltage, Current) | up to 1 000 V, up to 100 A | Lab*/site* | Site* |
| 77 | E-Gen | DC High voltage source | 1 to 10 kV (Up to 50 kV) | Lab*/site* | Site* |
| 78 | E-Gen | DC Electronics load | Full function | Lab*/site* | Lab*/Site* |
| 79 | E-Gen | DC High voltage | 1 to 10 kV | Lab*/site* | Site* |
| 80 | E-Meas | DC Cut-off current | 0.5 to 10 mA | Lab*/site* | Site* |
| 81 | E-Gen | AC Power supply | up to 700 V, up to 15 A | Lab*/site* | Site* |
| 82 | E-Gen | AC High voltage | 1 to 10 kV | Lab*/site* | Site* |
| 83 | E-Meas | AC Cut-off current | 0.5 to 100 mA | Lab*/site* | Site* |
| 84 | E-Gen | Withstanding voltage tester | up to 10kV (AC & DC) | Lab*/site* | Site* |
| 85 | E-Gen | Auto Electrical Safety Analyzer | up to 10kV (AC & DC) | Lab*/site* | Site* |
| 86 | E-Gen | Surge Generators, Impulse Winding (AC H.V) | 0.5 to 10 kV | Lab*/site* | Site* |
| 87 | E-Gen | Earth tester (continuity) | 5 to 60 A./ (0.05, 0.1, 0.5) Ω | Lab*/site* | Site* |
| 88 | E-Meas | Insulation tester (at 500 to 1 000 V) | 0.4 M Ω to 11 G Ω (Max : 1 T Ω) | Lab*/site* | Site* |
| 89 | E-Meas | Wrist strap / Footwear checker | Full function (up to 10 M Ω) | Lab*/site* | Site* |
| 90 | E-Meas | Audio analyzer & Generator | Full function | Lab/Site | Lab*/Site* |

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|--|--------|---|-------------------------------|----------------|------------|
| | | | | TKCC. | SICT. |
| Equipment type (Electrical Generating & Measurement)-Cont | | | | | |
| 91 | E-Meas | Color Meter / Chroma meter | D65: XYZ & Lab (7 Color) | Lab/site | Site* |
| 92 | E-Meas | Gloss meter | 20 60 85 degree | Lab/site | Site* |
| 93 | E-Meas | Stop watches | 3600 s, 86 400 S, | Lab | Site* |
| 94 | E-Meas | Telephone testers | -5 to -15 dB & 941 to 1477 Hz | Lab/site | Site* |
| 95 | E-Meas | Sound level meter | 94 , 104 dB at 1 kHz | Lab | Lab*/Site* |
| 96 | E-Meas | Attenuator (Frequency) | 0.0 to 60 dB (100MHz to 1GHz) | Lab | Lab* |
| 97 | E-Meas | AC/DC Probe High Voltge | 0 to 6.5 kV | Lab | Lab* |
| 98 | E-Meas | TV Pattern Generator | Full function Ref. Model | Lab | Lab* |
| Equipment type (Temperature) | | | | | |
| 99 | Temp | Temperature indicator & (B,R,S,E,N,J,K,T,pt100) | -200 to 1 600°C (Simulate) | Lab*/site* | Site* |
| 100 | Temp | Digital thermometer with sensor | -39 to 650 °C | Lab*/site* | Site* |
| 101 | Temp | Analog thermometer with sensor | -40 to 650 °C | Lab*/site* | Site* |
| 102 | Temp | Temp recorder with sensor | -39 to 650 °C | Lab*/site* | Site* |
| 103 | Temp | Resistance thermometer (RTD) | -38 to 600 °C | Lab*/site* | Site* |
| 104 | Temp | Liquid inglass Thermometer | -38 to 200 °C | Lab* | Site* |
| 105 | Temp | Digital Thermo & Hygro meter | -40 to 80 °C, 20 to 95% RH | Lab* | Lab*/Site* |
| 106 | Temp | Dial Thermo - Hygro temperature | 0 to 50 °C, 20 to 95% rh | Lab* | Lab*/Site* |
| 107 | Temp | Thermo - Hygrograph | 0 to 50 °C, 20 to 95% RH | Lab* | Lab*/Site* |
| 108 | Temp | Oven & Chamber (Temp & Humidity) | -40 to 250 °C, 20 to 95% RH | Lab*/site* | Lab*/Site* |
| 109 | Temp | Dry block calibrator | -40 to 650°C | Lab/Site | Lab*/Site* |
| 110 | Temp | Oil bath calibrator | -40 to 150°C | Lab*/site* | Lab*/Site* |
| 112 | Temp | Water bath Temperature | 0 to 100°C | Lab*/site* | Lab*/Site* |
| 113 | Temp | Blackbody Temperature (IR Calibrator) | 0 to 500°C | Lab | Lab*/Site* |
| 114 | Temp | Autoclave Temperature | 50 to 140°C | Lab/Site | Site* |
| 115 | Temp | Temperature Sensor (Type J,K,T,N & pt100) | -40 to 650 °C | Lab/Site | Lab*/Site* |
| 116 | Temp | Temperature Transducers | -40 to 400 °C | Lab*/site* | Site* |
| 117 | Temp | Relative humidity transducers | -20 to 80 °C, 20-95%rh | Lab* | Site* |
| 118 | Temp | Infrared thermometer | 10 to 500 °C | Lab* | Site* |