INTERNATIONAL ACCREDITATION SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

PRECISION MEASUREMENTS AND INSTRUMENTS CORPORATION

3665 SOUTHWEST DESCHUTES STREET
CORVALLIS, OREGON 97333, USA

Testing Laboratory TL-388

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories,* and has demonstrated compliance with ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories.* This organization is accredited to provide the services specified in the scope of accreditation maintained on the IAS website (www.iasonline.org).

This certificate is valid up to SEPTEMBER 1, 2022.

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Raj Nathan
President

18-15965

SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-388
Company Name	Precision Measurements and Instruments Corporation
Address	3665 Southwest Deschutes Street Corvallis, Oregon 97333
Contact Name	Darrell Oakes, Lab Manager
Telephone	+1 (541) 753-0607
Effective Date of Scope	December 7, 2018
Accreditation Standard	ISO/IEC 17025:2005

Thermal

ASTM C177	Standard test method for steady-state heat flux measurements and thermal transmission properties by means of the guarded-hot-plate apparatus
ASTM C518	Standard test method for steady-state thermal transmission properties by means of the heat flow meter apparatus
ASTM C870	Standard practice for conditioning of thermal insulating materials
ASTM C1044	Standard practice for using a guarded-hot-plate apparatus or thin-heater apparatus in the single-sided mode
ASTM C1045	Standard practice for calculating thermal transmission properties under steady-state conditions
ASTM C1130	Standard practice for calibrating thin heat flux transducers
ASTM C1300	Standard test method for linear thermal expansion of glaze frits and ceramic whiteware materials by the interferometric method

SCOPE OF ACCREDITATION

ASTM D696	Standard test method for coefficient of linear thermal expansion of plastics between −30°C and 30°C with a vitreous silica dilatometer
ASTM D3418	Standard test method for transition temperatures and enthalpies of fusion and crystallization of polymers by differential scanning calorimetry
ASTM D3895	Standard test method for oxidative-induction time of polyolefins by differential scanning calorimetry
ASTM D5470	Standard test method for thermal transmission properties of thermally conductive electrical insulation materials
ASTM D7426	Standard test method for assignment of the DSC procedure for determining Tg of a polymer or an elastomeric compound
ASTM D7984	Standard test method for measurement of thermal effusivity of fabrics using a modified transient plane source (MTPS) instrument
ASTM E228	Standard test method for linear thermal expansion of solid materials with a push-rod dilatometer
ASTM E289	Standard test method for linear thermal expansion of rigid solids with interferometry
ASTM E831	Standard test method for linear thermal expansion of solid materials by thermomechanical analysis
ASTM E1225	Standard test method for thermal conductivity of solids using the guarded-comparative-longitudinal heat flow technique
ASTM E1269	Standard test method for determining specific heat capacity by differential scanning calorimetry
ASTM E1356	Standard test method for assignment of the glass transition temperatures by differential scanning calorimetry
ASTM E1530	Standard test method for evaluating the resistance to thermal transmission of materials by the guarded heat flow meter technique

ASTM F433	Standard practice for evaluating thermal conductivity of gasket materials
IPC-TM-650	Coefficient of thermal expansion – strain gage method (only section TM 2.4.41.2A)

Physical

ASTM B311	Standard test method for density of powder metallurgy (PM) materials containing less than two percent porosity
ASTM B557	Standard test methods for tension testing wrought and cast aluminum- and magnesium-alloy products
ASTM C165	Standard test method for measuring compressive properties of thermal insulations
ASTM C167	Standard test methods for thickness and density of blanket or batt thermal insulations
ASTM C271	Standard test method for density of sandwich core materials
ASTM C272	Standard test method for water absorption of core materials for sandwich constructions
ASTM C297/C297M	Standard test method for flatwise tensile strength of sandwich constructions
ASTM C303	Standard test method for dimensions and density of preformed block and board–type thermal insulation
ASTM C356	Standard test method for linear shrinkage of preformed high-temperature thermal insulation subjected to soaking heat
ASTM C520	Standard test methods for density of granular loose fill insulations
ASTM C1161	Standard test method for flexural strength of advanced ceramics at ambient temperature
ASTM D257	Standard test methods for dc resistance or conductance of insulating materials
ASTM D570	Standard test method for water absorption of plastics
ASTM D638	Standard test method for tensile properties of plastics

SCOPE OF ACCREDITATION

ASTM D695	Standard test method for compressive properties of rigid plastics
ASTM D790	Standard test methods for flexural properties of unreinforced and reinforced plastics and electrical insulating materials
ASTM D792	Standard test methods for density and specific gravity (relative density) of plastics by displacement
ASTM D882	Standard test method for tensile properties of thin plastic sheeting
ASTM D1002	Standard test method for apparent shear strength of single-lap-joint adhesively bonded metal specimens by tension loading (metal-to-metal)
ASTM D1621	Standard test method for compressive properties of rigid cellular plastics
ASTM D1622	Standard test method for apparent density of rigid cellular plastics
ASTM D1623	Standard test method for tensile and tensile adhesion properties of rigid cellular plastics
ASTM D2126	Standard test method for response of rigid cellular plastics to thermal and humid aging
ASTM D3039/D3039M	Standard test method for tensile properties of polymer matrix composite materials
ASTM D3163	Standard test method for determining strength of adhesively bonded rigid plastic lap-shear joints in shear by tension loading
ASTM D3846	Standard test method for in-plane shear strength of reinforced plastics
ASTM D5035	Standard test method for breaking force and elongation of textile fabrics (strip method)
ASTM D5229/D 5229M	Standard test method for moisture absorption properties and equilibrium conditioning of polymer matrix composite materials
ASTM D5947	Standard test methods for physical dimensions of solid plastics specimens

ASTM E104	Standard practice for maintaining constant relative humidity by means of aqueous solutions