VENTURE INSTRUMENTATION TECHNOLOGIES PVT. LTD

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Phone: 080 44004 111
Head Office: Electronic City, Bangalore , India

VENTURE
TEST & PROCESS SOLUTIONS

Germany

GÖTTFERT
THIS IS RHEOLOGY



RHEOLOGICAL SOLUTIONS:
Melt Flow Testers, Automatic & Robotic MFI for Method A, B, C & D.
Capillary Rheometers; Single, Twin & Triple Bore, 25kN to 120kN, PVT500 for Isobaric & Isothermal PVT Measurements.
Online Rheometer for continuous measuring of MFR and viscosity functions directly integrated into the production process.
Film Analysis and Elongation Testing
Elastomer Testing:
Rubber Process Analyser, Rubber Capillary Rheometer (20kN & 75kN)

Germany

COESFELD
MATERIALTEST





Thermal Testing:
HDT Vicat up to 6 Stations,
Automatic HDT Vicat, ECO Oil Free Vicat.



Mechanical Testing:
Pendulum Impact Tester - IZOD & CHARPY,
Drop Tower Impact Tester,
Creep Tester(Mechanical & Electro Drive),
Apparent/Bulk Density, ESCR
Paint & Surface:
Gel Time Measurement, Film Formation with Temperature Gradient Plate (MFFT), Resistance Measurement TO, Tracking Current CT.



Sample Preparation:
Manual & Pneumatic Die Cutter,
Automatic Notch Milling Machine,
CNC Milling Machine

France

setaram
KEP TECHNOLOGIES





Thermal Analysis, Calorimetry and Gas Sorption Solutions

THEMYS and **SETLINE** thermal analysis instruments for (TGA, DTA, DSC, STA, EGA or TMA)
Differential Scanning Calorimetry, Thermogravimetric Analysis, Simultaneous Thermal Analysis for research and QC needs.
CALVET Calorimeters, **MICROCALVET** Calorimeters for high sensitivity & accurate measurements of Heat, Heat Flow and Heat Capacity (Cp)
GASPRO Manometers: fully automated solution for high pressure gas sorption measurements and analysis of materials.

U.S.A

Q-LAB





QUV - The world's most widely used accelerated UV weathering tester
Q-SUN - Xenon test chamber for light/color fastness testing which is affordable, easy to use and meets specifications.
Q-FOG - SSP, CCT & CRH (with controlled humidity). Cyclic corrosion with easy programming and sample mounting.
Q-PANEL - Standard substrates for a consistent and uniform test surface for paints plating etc.

China

Modern instruments

TESTING INSTRUMENTS FOR PAINTS, COATINGS, INKS
Spectrophotometer, Gloss Meter, Haze Meter, Colour Assessment Cabinet, Auto Film Applicator, Krebs Viscometer, Rotational Viscometer and many more.

Germany

LAUDA
scientific





Glass **Capillary Viscometers** for measurement of Kinematic Viscosity with Automatic Rinsing, Auto Dilution Viscometry.
Viscothermostats with precision temperature control
Contact Angle Measurement Instrument
Surface Tension & Interfacial Tensiometer, Optical Tensiometer

Germany

LUM





The Next STEP in Dispersion Analysis and Materials Testing
Enabling customers to develop and formulate new and improved products using:
Particle Sizing & Characterization
Multi- Sample Analysis of suspensions and emulsions, including direct accelerated stability evaluation
Determination of adhesive and bonding and strengths

The Netherlands

AXXICON
AIM™ QUICK CHANGE MOULD



Test specimen moulds for sample preparation to be used with inserts suitable for UTM (Tensile), Impact Tester, HDT-Vicat, Flame Test, Color etc., (through injection moulding systems) according ISO, ASTM standards

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ALPHA TECHNOLOGIES / AMETEK — metravib

France

Dynamic Mechanical Analysis (DMA) for viscoelastic properties of elastomers, polymers and composite materials.
Young Modulus E, E', E", Shear Modulus G, G', G"
Loss Factor, Damping, Tan Delta, Glass Transition
Stiffness K, K', K"
Low Force DMA: Up to +/-25N, +/-5ON
Frequency: 0.00001 Hz-200Hz.
High Force DMA: 300N, 1000N, 2000N (Peak to Peak)
Frequency: 0.00001 Hz to 1000Hz.
Very High Frequency DMA: up to 10KHz



SDS Systemtechnik

Germany



Opto Electronic Testing Equipment for Tyre for Production and R&D.
ITT - Interferometric tire tester for all size of tires by shearography
LMS - Laser marking systems
PM (inline and offline) - Laser profile measurement system
GAMMA X series are designed to measure cross-sections of thick, dark products like tire cross sections.

OZM RESEARCH

Czech Republic





Energetic Material Testing Equipment
BAM Impact & BAM Friction Sensitivity Tester, Spark Sensitivity Tester, Vacuum Stability Tester, Automatic Explosion Temperature Tester, Velocity of Detonation Tester, BeJu, Detonation Calorimeter, Detonation Chamber, Koenen Test, Min. Ignition Energy Tester, Explo 5 Software, etc.

RX SOLUTIONS

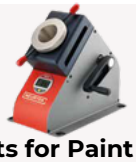
France



Industrial CT Scanning and X-Ray Solutions
EASYTOM, EASY TOM S, EASY TOM XL

NEURTEK instruments

Spain







Quality Control Instruments for Paint & Coatings
Electronic adhesion tester, Cupping tester, Impact Tester, Hardness Tester, Resistivity Tester, Viscosity cups, Film applicators, Pycnometers, Gloss Metre, Grindometer etc.

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gibitre® INSTRUMENTS

Italy





Laboratory Instruments for Rubber and Polymer Testing

Shore & IRHD Hardness Tester,
Tensile Tester, Mooney Viscometer,
Moving Die & Oscillating Disc Rheometer, TR Test & Brittleness Point, Ozone Chamber, Density Check, Die Cutter, De Mattia Flexon Check, Laboratory Press, Rebound Tester, Abrasion Tester, Compression Set, Tackiness Check, Rubber Splitting Machine.

COESFELD MATERIALTEST

Germany



TIRE TESTING EQUIPMENT



ISA- Intrinsic Strength Analyser
ICCA- Instrumented Chip & Cut Analyser
TFA - Tear and Fatigue Analyser
HBU - Heat Build Up Studies & Blowout

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iPT

Germany







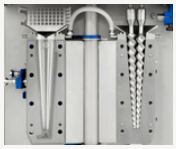


PIPE TESTING INSTRUMENTS
Creep Pressure and Burst Pressure Testers, Chlorine Tester, Ring Stiffness Tester
Notching Machine, CNC Milling Machine, Full Notch Creep Tester (FNCT), Pipe Saw, Wall Thickness Gauge

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xplore
Xcelerate your polymer innovation

The Netherlands



Micro-Compounders (5 to 40 ml)
Micro-Injection Moulders (up to 12 ml)
Micro Cast Film Line, Micro Cast Fibre Line, Micro 3D filament Line, Pelletizer etc.

DAVINOR

Finland





LayerGauge
to detect different material layer thicknesses down to 2 µm. LayerGauge16 & LayerGauge32
Opacity Meter and Transmission Meters
optimized for thin materials like plastic films, sheets and papers TOM11 & TOM21
