

**VENTURE**TEST & PROCESS  
SOLUTIONS**VENTURE INSTRUMENTATION TECHNOLOGIES PVT. LTD****Website:** [www.venturetechnologies.net](http://www.venturetechnologies.net)**Email:** [info@venturetechnologies.net](mailto:info@venturetechnologies.net)**Phone:** 080 44004 111**Head Office:** Electronic City, Bangalore, India**GÖTTFERT**  
THIS IS RHEOLOGY

Germany

**RHEOLOGICAL SOLUTIONS:**

Melt Flow Testers, Automatic &amp; Robotic MFI for Method A, B, C &amp; D.

Capillary Rheometers; Single, Twin &amp; Triple Bore, 25kN to 120kN, PVT500 for Isobaric &amp; 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 &amp; 75kN)

**COESFELD**  
MATERIAL TEST

Germany

**Thermal Testing:**

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

**Mechanical Testing:**

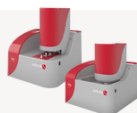
Pendulum Impact Tester - IZOD &amp; CHARPY, Drop Tower Impact Tester, Creep Tester (Mechanical &amp; Electro Drive), Apparent/Bulk Density, ESCR

**Paint & Surface:**

Gel Time Measurement, Film Formation with Temperature Gradient Plate (MFFT), Resistance Measurement TO, Tracking Current CT.

**Sample Preparation:**

Manual &amp; Pneumatic Die Cutter, Automatic Notch Milling Machine, CNC Milling Machine

**setaram**  
KEP TECHNOLOGIES

France

**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

**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

**TESTING INSTRUMENTS FOR PAINTS, COATINGS, INKS**

Spectrophotometer, Gloss Meter, Haze Meter, Colour Assessment Cabinet, Auto Film Applicator, Krebs Viscometer, Rotational Viscometer and many more.

**LAUDA**  
scientific

Germany

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****LUM**

Germany

**The Next STEP in Dispersion Analysis and Materials Testing**

Enabling customers to develop and formulate new and improved products using:

Particle Sizing &amp; Characterization

Multi- Sample Analysis of suspensions and emulsions, including direct accelerated stability evaluation

Determination of adhesive and bonding and strengths

**AXXICON**  
AIM™ QUICK CHANGE MOULD

The Netherlands

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 to ISO, ASTM standards

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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, +/-50N  
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

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.

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.

France

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

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.

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.

Germany

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

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

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.

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