

**UTM Tensile Compression**  
Bending **MFI IZOD Impact ESCR**  
**HDT/VICAT UL 94 Flammability**  
Density Balance **PEEL-BOND COF**  
**Heat Sealer Falling Dart Impact**  
**OPACITY HAZE colour Tear**  
**MOISTURE GSM Balance**  
**Thickness HOT TACK WVTR OTR**  
Leak **Balloon BURST Bursting**  
Strength **CORE STRENGTH**  
**●IT Hydrostatic Pressure**  
**THERMO-CYCLING Pipe Burst**  
**SCG Notch Cutter Milling Torque**  
**force gauge** dosing system  
*profile control* **IBC Control**  
**LAYFLAT CONTROL** *thickness scanner*  
*chillers* Calibration cage screen changer  
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**Product Guide**  
**POLYMER TESTING**



# HEM TECHSYS PRIVATE LIMITED

Popularly known as **HEMTECH**

## About us

**HEMTECH** is a company established and run by Technocrats. **HEMTECH** is focussed in the field of Testing Instruments and Automation Systems for Polymer, Films & Laminates, Packaging, Pharma Packaging, Polymer Pipes, Textiles & Technical Textiles, Automotive Industries. **HEMTECH** works very closely with all reputed Institutes and Industries in the field and so have good exposure and experience in the respective fields.

**HEMTECH** is Committed to bring to you world's best and latest technology Instruments as Authorised Agent for world renown companies in their respective fields. **HEMTECH** also expanded activities by also establishing local manufacturing facility with near Imported Quality Value for Money Instruments for the Quality Conscious Indian and foreign customer. Thus **HEMTECH** has unique balance of world class imported Instruments and near Imported Quality best in class locally manufactured Instruments under the registered trademark brand of **HEMTECH**.

## Team

HEMTECH is a young and Dynamic team of

- **Electronics Engineers**
- **Mechanical Engineers**
- **Software Development Engineers.**
- **Instrumentation Engineers**
- **Electrical Engineers**

**Positive Attitude, Hard Work, Sincerity, Honesty and Team work** is the core strength of the team HEMTECH.

## Service

HEMTECH believes in COMPLETE services. Our team believes that Service starts even before selling the Instrument or System. At HEMTECH Services are package of



**Pre-Sales**



**Installation  
&  
Commissioning**



**Repairs  
&  
Maintenance**



**Training  
&  
Tech Support**



**Calibration**



**Retrofit  
&  
Computerisation**

## Divisions

We at HEMTECH believe that better focus gives better results. Hence, we have divided our company operation in divisions.

- **Sales Division** – Pre-Sales Service, Sales, Application Support , Liaison...
- **Service Division** – Installation & Commissioning, Training, Repairs & Maintenance, Technical Support , Calibration...
- **D & D Division** – Design, Development of Instruments, Electronics, software, Retrofits...
- **Manufacturing Division** – Manufacturing of Instruments, Accessories, SPM...
- **Testing Division** – Testing Facility for Industries on Commercial bases...

## Achievements

- ✓ National Award for Innovation in Technology - by Ministry of Chemical & Fertilisers 2011
- ✓ National Award for Innovation in Technology - by Ministry of Chemical & Fertilisers 2012
- ✓ Development of Instrument for Mozzarella Cheese Testing for Anand Agriculture University
- ✓ Development of Retrofit kit for Imported HOT TACK TESTER



# Polymer Testing Instruments

## Universal Testing Machine UTM

Models Available from  
10 Kg to 30 Ton Capacities

Microcontroller based  
LCD Display & Keypad  
Micro-stepping / Servo Drives  
High Data Rate  
Built in RS 232 Interface

Self Identification Loadcell  
Accurate Force Measurement.  
Wide Speed Range

Extensometer Options  
Thermal Cabinet Options

hemWIZARD – WINDOWS based Software  
for Control & Data Acquisition



**Series 7**  
10 to 500 Kg



**Series 16**  
500 to 5000 Kg



**Series 25**  
10 to 30 Ton



**METHOD A**    **METHOD A & B**    **METHOD A & B**  
Weight lifter

**Full featured Model**  
**Method A & B + Rheology**



## Melt Flow Indexer

Method A Manual Models to full featured  
high-tech Models.

Excellent Precision  
Accurate Temperature Control  
Digital Piston Travel Measurement  
Motorised Weight Lifting  
Automatic Cutter

Automatic Weight Application  
Increasing Weight Multi weight Testing  
Decreasing Weight Multi weight Testing  
Rheological studies & Calculations

## Impact Tester

IZOD Impact Tester  
CHARPY Impact Tester  
IZOD + CHARPY Impact  
Tester



**Unique Model**  
**Single Hammer**  
**Single Vice**  
**For IZOD & CHARPY**



## HDT / VICAT Tester

2, 3,4,6 Station Models

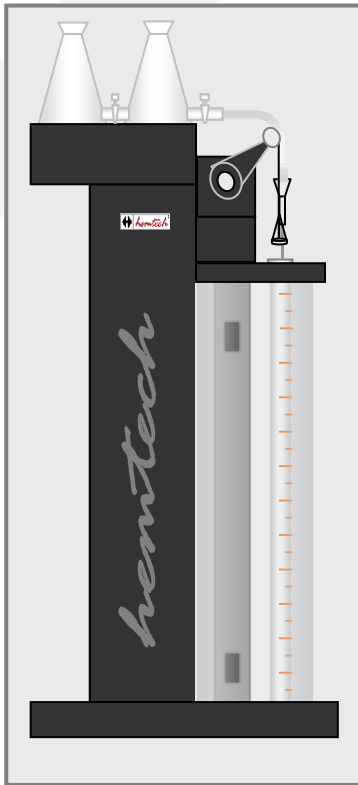
Simplest version to full featured Models

Precise Mechanics

Excellent Temperature Ramp control

Digital Display

Station Lifting Mechanism



**DENSITY GRADIENT COLUMN**



**ESCR**



**MELTING POINT**



**LIMITED OXYGEN INDEX**



**MOISTURE BALANCE**

## Creep Tester



For Creep Testing of Polymeric Samples

## UL94 Horizontal & Vertical Flammability Tester

Horizontal Burning Test and

20mm Vertical Burning Test

Imported Burner

Imported flow Meters



## Our Extended Family (Partial List of Valued Customers)

AMCOR	GAIL	MANTRA	SAFAL
APPL	GHODAVAT FOOD	MARVEL	SEKHANI
ADRDE	GLENMARK	MEHATA FLEX	SHAILLY ENGINEERING
ASHIRVAD PIPES	HOLISTER	MERIL ENDOSURGERY	SHANKAR PACKAGIN
ASTRAL	HUTAMAKI	MONTAGE GLOBAL	SHEFIELD POLYMERS
AXEL POLYMERS	IDEX	MULTIFLEX	SHIVA TEX
BALAJI WAFERS	IDMC	MULTI FILMS	SHRINATH ROTO PACK
BENTLAY FITTINGS	IISC	NAVAMI	SHUBHAM EXTRUSION
BHANSALI ENGINEERING	IOCL	NAVRANG POLY FILMS	SIDMAK LABORATORIES
C K ZIPPERS	INJECTOPLAST	ORIFLAME	SPOT ON COATINGS
CAPITOL FIBRES	ION EXCHANGE	OSWAL EXTRUSIONS	STRONG STRAPS
CAPRI COATINGS	IPR	PACKAGING INDIA	SUNPHARMA
CAVIN KARE	ITC	PAPER PRODUCTS	SUPREME
CHIRIPAL FILMS	JESONS	LIMITED	SWAPNIL AGRO
CIPET	KALPENA INDUSTRIES	PARIKH PACKAGING	SWISS PACK
CLARIENT	KJR FILMS	PARLE	THIAGRAJA UNIVEERSITY
CONSTANTIA	LARPM	PARRY	TUFLEX
DRDE	LAXMI SNACKS	PLATICHEMIX	UFLEX
EASTER	LOHIA	POSITIVE PACKAGING	ULTIMATE FLEXIBLES
ECOPLAST	M C COLLEGE	RAJASHREE POLYPACK	VIKAS GLOBAL
EPC	M J BIOPHARMA	REAL NAMKEEN	WIRE & FABRIK
GABA	M S UNIVERSITY	RELIANCE INDUSTRIES	YESH LAMI PRINT

## International Customers

J F Packaging – Srilanka  
 F I P C O – Oman  
 Sun Pharma De Mexico - Mexico



**"Total Customer Satisfaction Through Quality Services"**



**HEM TECHSYS PRIVATE LIMITED**

**Regd. Office:**  
 484/B/2, G.I.D.C., INDUSTRIAL AREA,  
 MAKARPURA, VADODARA – 390 010.

**M :** +91 8000484484  
**E :** sales@hemtech.in  
**W :** www.hemtech.in

**PAN :** AACCH1767L  
**GST :** 24AACCH1767L1ZG  
**CIN :** U31900GJ2009PTC056166

HEMTECH follows the policy of continuous improvement and reserves the rights to change the specifications, color & look without notice.