

Humax Touch to Testing

Polymers

Films

Laminates

Packaging

Pipes

Automotive

Rubber

Textiles

Pharma

Medical Devices

Cosmetics

Food

.....

Product Guide
POLYMER TESTING

TENSILE

COMPRESSION

FLEXURAL

PEEL / BOND

SEAL

COF

WVTR

OTR

LEAK

TORQUE

GLOSS

HAZE

OPTICAL DENSITY

COLOR

HYDROSTATIC
PRESSURE IN PIPES

PIPE BURST

FALLING WEIGHT

THERMO CYCLING

RCP

CARBON BLACK
DISPERSION

NOTCH MILLING
MACHINE

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HEM TECHSYS
PRIVATE LIMITED

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

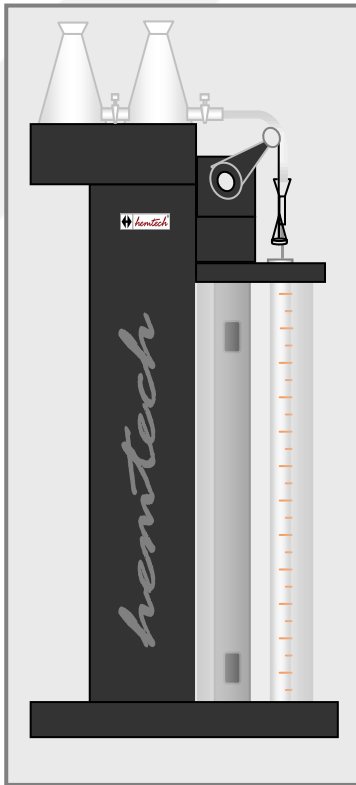
Simplest version to full featured Models

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

Systemised Solutions 4 Your Need

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