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 filed 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

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
Pipe Testing Instruments
Hydrostatic Pressure Testing Systems

Most Economical but Accurate Model
- 5 stations
- PC Operated
- Full Featured system

Expandable to 20 stations
- Minimum 5 stations
- Touch Screen Control
- Burst Module option

Latest Model
- Expandable to 200 stations
- Latest Technology

Has possibility to have Burst Module as option as well

Test Tanks
- Excellent Temperature Accuracy
- Excellent Uniformity of Temperature
- Safety Features

Burst Tester
- Dedicated Burst Tester
- Pressure Range up to very large Pressures also.

Test Ovens
- Excellent Temperature Accuracy
- Excellent Temperature Uniformity

End Closures
- Excellent Precision
- Easy to use

SCG Notch Milling
- Excellent Precision
- Fully Digital
- ‘V’ as well as Slot Cutter

Meets or exceeds
- ISO 1167
- ASTM D 1598
- ASTM D 1599

- Meets or exceeds ISO 13479

AIRLESS SYSTEMS

www.hemtech.in

M: +91-9327726270
Ring Stiffness
Ring Flexibility
Creep Ratio
Testing System

Fully Digital
Model up for testing up to
1600 mm

RCP
Rapid Crack
Propagation Tester

Electronic Controller
Excellent Precision
Safe Operation

Meets or exceeds
ISO 13477

Thermal Cycling
Up to 160 mm OD Pipes
Maximum 16 bar Test Pressure

Computer Controlled
Graphical Indication
Data and Report facility

Meets or exceeds
ISO 9967
ISO 9969
ISO 16968
ASTM D 2412

Test Chamber
Accessibility
from both side
Built in Sample Rack
Tensioner with Loadcell
Milling Machine

- Pre-configured, optimised machining programs
- Protective doors with lock for operator safety
- Workbench included
- CNC-controlled positioning of the axes
- Compressed air for removing swarf and cooling the machined areas

Falling Weight Impact Tester

**Staircase Method**
Increasing Dropping Height per step

**Round the Clock Method**
up to 25 strikes per minute from 2m height

Full Notch Creep Tester- FNCT

- Individually operatable Stations
- Excellent Uniformity
- Touch Panel Control

Meets or exceeds
- ISO 3127
- EN 744
- EN 1411
- ASTM D 2444
Other Pipe Testing Instruments

- Marking Gauge (ISO 2505)
- Cutting Saw (ISO 1167, ISO 2505, ISO 3127)
- Granulator (ISO 1133, ISO 1183, ASTM D 1505)
- Spiral Pipe Cutter (ASTM F 1281, ASTM F 1282)
- Outside Caliper Gauge (ISO 3126)
- Circrometer (ISO 3126)
- Wall Thickness Meter (ISO 3126)
Other
Pipe & Polymer Testing Instruments

Dichloromethane
EN 580

MFR / MVR
ISO 1133
ASTM D 1238

ESCR
ASTM D 1693

Bulk Density
ISO 60
ASTM D 1895

Bulk Density
ISO 6186
ASTM D 1895

Carbon Black Content
ISO 6964
ASTM D 1603

Other
Pipe & Polymer Testing Instruments

Density – ISO 1183
MFI – ISO 1133
OIT – ISO/TR 10837 or EN 728
Carbon Black Content – ISO 6964
Carbon Black Pigment Distribution – ISO 18553
Volatile Content – ISO 12099
Water Content – ISO 12118
Heat Reversion – EN 743
Internal Pressure Test – ISO 1167, ASTM D 1598
Thermal Stability – ISO 1167
Thermal Cycling Test – EN 12293, ISO 10508
Resistance to Rapid Crack Propagation – ISO 13477
Resistance to slow Crack Growth – ISO 13479
Tensile Test – ISO 6259, 527, ASTM D 638
Creep Ratio – ISO 9967
Bulk Density – ISO R60
Pourability (Powder Flow Speed) – ISO 6168, ASTM D 1895

VICAT Softening Temperature – EN 727
Resistance to Dichloromethane – EN 580
Impact Resistance – EN744, EN 1411, ISO 9854
Ring Stiffness – ISO 9969
Ring Flexibility – EN 1446
Congo Red Method – ISO 182
K-Value – ISO 1628
Oven Test – ISO 12091
Dynamic Pressure Test – EN 12295
Vacuum Test – EN 12294
Pull Out Test – EN 712
Leak Tightness Test – EN 713
Degree of Cross Linking – EN 579, ISO 10147
Adhesion Test – ASTM F 1281
Peel Test – ASTM F 1281
Ring Test – ASTM F 1281
Burst Pressure Test – ASTM D 1599
Sieving Analysis
Milling Machine – Sample Preparation
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

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

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

DENSITY GRADIENT COLUMN
LIMITED OXYGEN INDEX
MOISTURE BALANCE
ESCR
MELTING POINT
Our Extended Family  (Partial List of Valued Customers)

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

"Total Customer Satisfaction Through Quality Services"