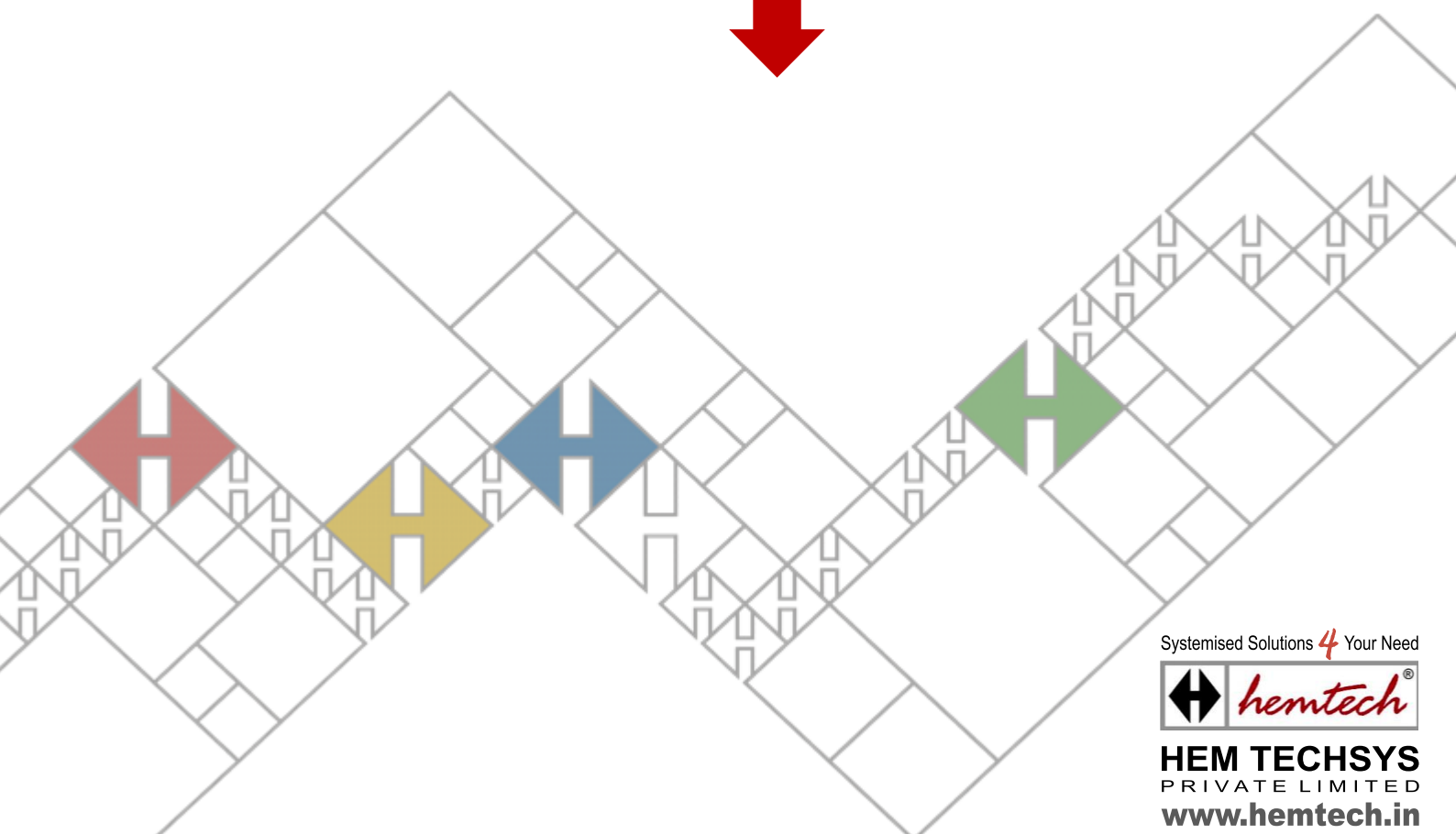




Universal Testing Machine



Systemised Solutions *4* Your Need



HEM TECHSYS
PRIVATE LIMITED
www.hemtech.in

Universal Testing Machine HT-UTM

HT-UTM 7 & 16 Series are advanced **Universal Testing Machine** incorporates extensive range of features making it ideal for performing many types of Tests on various materials at affordable price.

The Instrument is Microcontroller based having latest Technology for highly accurate measurement. Integral User interface consist of a small but powerful control console with Backlit LCD Display with large fonts for easy readability. A simple to use console makes it convenient to perform quick test and get results.

The high strength frame assures proper testing and reliability. High precision Loadcell, Digital Encoder & Micro-stepping Drive makes it a very accurate Instrument due to fully digital measurement. Multiple Safety devices makes it a safe and operator friendly Instrument.



Features

- Rugged Mechanics
- Micro Controller Based
- Alpha Numeric LCD Display
- Convenient Operating Console
- Holds & Displays Load & Extension at
 - Peak
 - Break
- Return Switch for Fast Return
- Limit Switches for Safety.
- Interface for PC Connectivity

Available as,
Only CONSOLE operated
CONSOLE & SOFTWARE (PC) Operated
Directly SOFTWARE-PC Operated



Console

LCD
 2Lines
 16 Character(per Line)
 Large (10mm Height)
 Alpha Numeric
 Back Lit

Full Tactile Key Pad



Loadcell

Full Bridge
 Strain Gauge

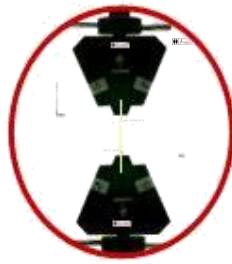
Sealed

Self
 Identifying



Performs many types of Tests

Tensile
Compression
Flexural
Peel
Friction
Adhesion
Tear



Tensile



Compression



Flexural



Peel

Testing many types of Samples

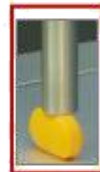
AEROSPACE
ADHESIVES
AIRCRAFT
AUTOMOTIVE
COMPONENTS
COMPOSITES
BIOMEDICAL
BOAT BUILDING
BUILDING MATERIALS
ELECTRONICS
FASTENERS
FOOD
MEDICAL DEVICES
METALS
MICROELECTRONICS
NONWOVENS
RUBBER
PAPER
PLASTIC
PHARMACEUTICAL
SPORTING GOODS
TEXTILES
TIRES
WIRE



Polymers



Films



Pharma



Packaging



Specification:

Series 7 – Desk Top, Series 16 – Desk top, Series 25 – Floor standing

Model	Unit	U701	U705	U710	U725	U750	U1605	U1610	U1620	U1650	U2510	U2520
Load Capacity	Kg	10	50	100	250	500	500	1000	2000	5000	10000	20000
Type	Columns	Single	Single	Single	Single	Single	Twin	Twin	Twin	Twin	Twin	Twin
Max. Speed	mm/min	500	500	500	500	500	500	500	500	500	250	250
Min. speed	mm/min	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Po. Resolution	mm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Travel	mm	500	500	500	750	750	800	800	800	800	1000	1000
Lateral Space	mm	100	100	100	100	100	400	400	400	400	550	550
Power Supply	V AC	230	230	230	230	230	230	230	230	230	230	230

Force Measuring Accuracy : Better than 0.5% of measured value down to 1/50th of Loadcell Capacity
Total Cross Head travel is calculated without Loadcells, adaptors, grips and fixtures. Longer Travel can be supplied as Extended Frame option.



WINDOWS 8 Ready

TOUCH Friendly

USB Interface

CYCLIC & MULTISTAGE

Please refer to the SOFTWARE Brocher for more information

Our Extended Family (Partial List of Valued Customers)

AMCOR
APPL
ADRDE
ASHIRVAD PIPES
ASTRAL
AXEL POLYMERS
BALAJI WAFERS
BHANSALI ENGINEERING PLASTICS
C K ZIPPERS
CAPITOL FIBRES
CAPRI COATINGS
CAVIN KARE
CIPET
DRDE
EASTER
ECOPLAST
ELECTROTHERM
GAIL
GHODAVAT FOOD
GLENMARK
HOLISTER
HUTAMAKI
IDMC
IISC
IOCL
INJECTOPLAST
ION EXCHANGE LIMITED
IPR
ITC
JESONS
KALPENA INDUSTRIES
LARPM
LOHIA

M C COLLEGE OF DAIRY SCIENCE
M J BIOPHARMA
M S UNIVERSITY
MANTRA
MARVEL
MEHATA FLEX
MERIL ENDOSURGERY
MONTAGE GLOBAL
MULTIFLEX
PACKAGING INDIA
PAPER PRODUCTS LIMITED
PARIKH PACKAGING
PARLE
PLATICHEMIX
POSITIVE PACKAGING
PROMED
RADHA MADHAV CORPORATION
RELIANCE INDUSTRIES
SHAILLY ENGINEERING PLASTICS
SHANKAR PACKAGIN
SHUBHAM POLYSPIN
SIDMAK LABORATORIES
SPOT ON COATINGS
STRONG STRAPS
SUNPHARMA
SUPREME
SWAPNIL AGRO
SWISS PACK
THIAGRAJA UNIVEERSITY
TORRAM
TUFLEX
VIKAS GLOBAL
YESH LAMI PRINT

International Customers

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

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

"Total Customer Satisfaction Through Quality Services"

Systemised Solutions **4** Your Need

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