

**UNIVERSAL TESTING MACHINE
(FOR GEOMEMBRANE FABRIC)**

Model No.
K-UTM-02LC-Xi/GmLF



Description

KANT PLASTOLOGY offering wide range of Universal testing machine for Tensile strength test, Ball burst test & Puncture test of Geo-membrane laminated fabric up to 1000micron thickness made from HDPE material. The machine is manufacturing from high grade steel material with advance metal treatment & passes through strict quality control process. The offered machines consists the features as Digitally control LCD display, which should interface with computer and generate the test data in form of tabular as well as graphical too. The crosshead movement should be varying through frequency controlled A.C. drive to perform various types of test. The machine's function is very user friendly & operational ease.

Specification

MODEL (K-UTM-02LC/GmLF)	
Applicable For	Geo-membrane Laminated Fabric made from HDPE – utilize for waterproofing work as Canal & Pond lining as per I.S. 15351-2008
System Status	The windows based software to interface the computer, data entry through software, PC connectivity of RS-232 & graphical data type test reports can be printed through software
Test Jaws	The individual testing jaws provided for Tensile test, Tear test, Ball burst test & Puncture resistance test also
Software	The windows based software (developed in Visual basic) to interface the computer
Data Entry	Through software
PC Connectivity	USB (through RS-232 to USB convertor of reputed make)
Reports & Printouts	Graphical data type reports can be printed through software
Load Cell	Dual Loadcell of 'S Type' Loadcell 1 Test range: 2000kgf with L/c. of 1kgf Loadcell 2 Test range: 250kgf with L/c. of 0.1kgf
Load Cell Unit	kg/cm ² / N / Mpa
Cross Head Travel	800mm
Displn. Accuracy	0.1mm
Speed	50mm/minute to 500mm/minute
Speed Control	Through frequency controlled A. C. Drive
Power Supply	440V AC, Three phase, 50 Hz