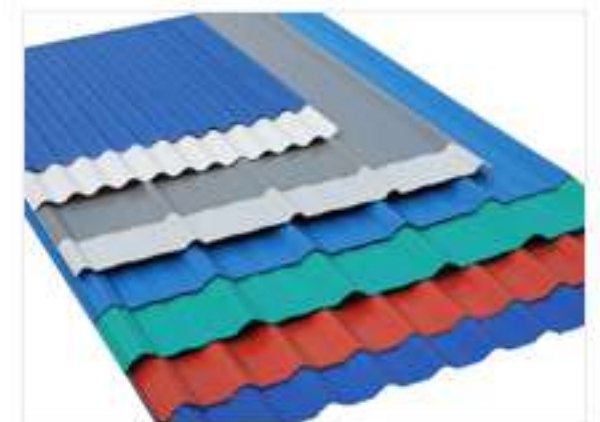


**UNIVERSAL TESTING MACHINE**

Model No.  
**K-UTM-02LC/K-UTM-02LC-xi**



**Description**

With the state of art ergonomics **Kant Plastology** designed the **UNIVERSAL TESTING MACHINE** for test the general/engineering Plastic Materials, Plastics composites, Jumbo belts and other many more products. The machine is designed with very robust and rigid structure of double Column vertical movement on the mechanically treated low friction ball screws. The machine speed can vary through frequency controlled A.C. drive to perform various types of test for different type of products as per national and international standard. The machine function is very user friendly, operation ease and maintenance less. **Kant Plastology** provides the entire range in various customized options as per requirement.

**Specification**

MODEL (K-UTM-02LC/K-UTM-02LC-xi)	
Available In Test Capacity	5000kgf/50kN & 10000kgf/100kN
System Status	<p><b>Digital Model</b> K-UTM-02LC Blue color four line LDC display indicated the value of Load, Extension, Testing speed &amp; Type of test, machine operate through manual function only</p> <p><b>Computer interface Model</b> – K-UTM-02LC-Xi The windows based software to interface the computer, data entry through software, PC connectivity of RS-232 &amp; graphical data type reports can be printed through software</p>
Test Jaws	Vice type test jaws for tensile test are fitted on machine (Bending, Shearing, Compression & Modulus test jaws are available at optional)
No. Of Screws	Double screw – nut (ball screw at optional) assembly mechanism driven through reputed make motor and gear box
Load Cell	Dual 'S' type loadcell of reputed make
Load Cell Unit	kg/cm <sup>2</sup> / N / Mpa
Cross Head Travel	800mm
Displn. Accuracy	0.1mm
Speed Control	Through frequency controlled A.C. drive
Speed	Variable testing speed for 5mm/minute to 1000mm/minute
Power Supply	440V AC, Three phase, 50Hz