

UTM 100K K



Key Features



High resolution sensor feedback with 1,00,000 (100K) counts for full scale.



Highly tactile and more durable keypad.
Simultaneous force, displacement and extension display.

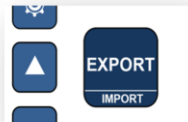


USB port for all types of data transfer

- Report export
- Reading export
- Certificate file export /import.



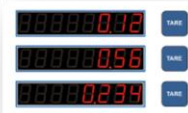
Function and param keys simplifies digital calibration and data entry. It includes maximum 5 calibration points to improve accuracy and repeatability with real parameter value.



Certificate data import facility for effortless data entry.
More storage capacity for certificates.
Variety of data import and export facility.



Multifunctional keys with alphanumeric keyboard.



Better Interface for parameter entry with display of current value for reference.

This reduces wrong entries.

Special alert for values out of range.



Superior stepper motor control with less jerks and fine stepping.
Calibration support for stepper motor.

Application

JANGS Technologies UTM 100K control panel is designed to interfere with Universal Testing machines precisely.

UTM 100K panel communicate with machine and offers different exhaustive applications with at a time display of parameters like Force, Displacement and Extension.

Specifications

Description	UTM 100K K	UTM 100K KS (Stepper model)
Dimension	350 x 280 x 120	350 x 280 x 120
Resolution	1,00,000 (100K) counts for full scale	1,00,000 (100K) counts for full scale
USB Port	Version 2.0	Version 2.0
Key pad	Data entry : Alphanumeric Display parameters : Force, Displacement, Extension	Data entry : Alphanumeric Display parameters : Force, Displacement, Extension
Test	Tensile, Compression	Tensile, Compression
Power consumption	230VAC, 1A, Single phase	230VAC, 1A, Single phase
Force sensor	2mV/V	2mV/V
Encoder	5V, 4000 PPR	5V, 4000 PPR
Extensometer	2mV/V	2mV/V
Power Input	230VAC, 1A	230VAC, 1A
Signal Output	24V	24V
Serial Port	Available	Available
Stepper connection	-	Micro stepping
Report	Test report Standard with Force vs. Displ Graph, Batch Report with statistical analysis	Test report Standard with Force vs. Displ Graph, Batch Report with statistical analysis

Installation

- Due to constant R&D, specification and features are subject to change without prior notice.
- The dimensions given above are approximate.

JANGS Technologies

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