Electronic Type Universal Testing Machine 3000 kgf (30kN)

Code: 36-2417/05

Product Group: Electronic Type Universal Testing Machines

36-2417/05 is designed to serve the requirements of laboratories, research and development, quality control, manufacturers and educational fields. Hard plastics, metals, composites, wood, rope etc are ideal specimens for 36-2417/05. Tests methods such as tensile, compression, bending, peel, shear, puncture etc are available.

Features:

- Dual column electro mechanical floor standing model
- High precision load cell, class 1 and class 0.5 calibration
- 1/50,000 force resolution
- 0.05~500mm/min
- Up to 4 step division of force capacity for more detailed reading
- Overload protection limit sensor, non-contact extension limit sensor
- Emergency power cut off button

Software features:

- Close loop. Control of load, displacement, extension, stress and strain
- Remote control via software, text execution, data analysis available through RS-232 port
- Software updates and modification installation available via email or remote support
- Diverse and robust configurations for automatic test end options, graph options, PID values, crosshead movement speeds etc
- 15+ different Testing Methods including cyclic, creep, relaxation, keeping etc
- View data and graphs of previously ran tests
- Determine and analyze data points such as yield point, breaking point, modulous etc
- Test report printing options include direct to printer or excel file export
- Test report data can be configured to show only necessary data and to exclude unused data
- Raw data analysis for detailed test data
- Exportable to excel and customizable to show user required data

Specification

Product Sheet

Frame Capacity	3000 kgf (30kN)
Max tension range	3000 kgf (30kN)
Force resolution	1/50,000
Stroke resolution	0.001 mm
Load range	2 steps (3000N/ 300N)
Colum style	Dual
Controller	LCD Digital Indicator
Total weight	600 kg
Dimensions (w x d x h)	950 x 700 x 1900 mm