



## Electronic Type Universal Testing Machine 5000 kgf (50kN)

Code: 36-2423/05

Product Group: [Electronic Type Universal Testing Machines](#)

36-2423/05 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 36-2423/05. 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, modulus 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

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Frame Capacity	5000 kgf (50kN)
Max tension range	5000 kgf (50kN)
Force resolution	1/50,000
Stroke resolution	0.001 mm
Colum style	Dual
Controller	LCD Digital Indicator
Total weight	400 kg
Dimensions (w x d x h)	950 x 700 x 1900 mm