



## Electronic Type Universal Testing Machine 30,000 kgf (300kN)

Code: 36-2418/05

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

36-2418/05 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 36-2418/05. 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
- 0.1~500mm/min (1000mm/min max optional)
- 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

# Product Sheet

## Specification

Frame Capacity	30,000 kgf (300kN)
Max tension range	30,000 kgf (300kN)
Force resolution	1/50,000
Stroke resolution	0.01 mm
Load range	2 steps (300/30 kN)
Colum style	Dual
Controller	LCD Digital Indicator, force control, position control
Total weight	1500 kg
Dimensions (w x d x h)	1250 x 850 x 2500 mm