



## 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

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## 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                                   |