Product Sheet





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

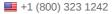
yield point, breaking point, modulous etc • Test report printing options include direct to

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



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Specification

Frame Capacity Max tension range Force resolution Stroke resolution Load range Colum style Controller

Total weight Dimensions (w x d x h) 30,000 kgf (300kN) 30,000 kgf (300kN) 1/50,000 0.01 mm 2 steps (300/30 kN) Dual LCD Digital Indicator, force control, position control 1500 kg 1250 x 850 x 2500 mm

