

GENERAL LABORATORY EQUIPMENTS



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LABORATORY GLASSWARE

Product Code	Description	Dimensions	Weight
TMG-0002	Graduated Glass Cylinder 10 ml	13x13x140 mm	0,05 kg
TMG-0003	Graduated Glass Cylinder 25 ml	20x20x145 mm	0,1 kg
TMG-0004	Graduated Glass Cylinder 50 ml	26x26x180 mm	0,1 kg
TMG-0005	Graduated Glass Cylinder 100 ml	30x30x250 mm	0,1 kg
TMG-0006	Graduated Glass Cylinder 250 ml	40x40x320 mm	0,2 kg
TMG-0007	Graduated Glass Cylinder 500 ml	50x50x390 mm	0,25 kg
TMG-0008	Graduated Glass Cylinder 1000 ml	65x65x460 mm	0,5 kg
TMG-0009	Graduated Glass Cylinder 2000 ml	120x120x550 mm	0,75 kg



Product Code	Description	Dimensions	Weight
TMG-0011	Glass Beaker 10 ml	34x34x50 mm	0,01 kg
TMG-0012	Glass Beaker 25 ml	42x42x60 mm	0,05 kg
TMG-0013	Glass Beaker 50 ml	50x50x70 mm	0,1 kg
TMG-0014	Glass Beaker 100 ml	60x60x80 mm	0,1 kg
TMG-0015	Glass Beaker 250 ml	70x70x95 mm	0,1 kg
TMG-0016	Glass Beaker 400 ml	80x80x100 mm	0,2 kg
TMG-0017	Glass Beaker 600 ml	90x90x125 mm	0,25 kg
TMG-0018	Glass Beaker 800 ml	100x100x135 mm	0,5 kg
TMG-0019	Glass Beaker 1000 ml	105x105x145 mm	0,75 kg
TMG-0020	Glass Beaker 2000 ml	130x130x185 mm	1 kg
TMG-0021	Glass Beaker 3000 ml	130x130x300 mm	1,5 kg



Product Code	Description	Dimensions	Weight
TMG-0023	Volumetric Flasks 5 ml	20x20x40 mm	0,01 kg
TMG-0024	Volumetric Flasks 10 ml	30x30x50 mm	0,05 kg
TMG-0025	Volumetric Flasks 25 ml	45x45x70 mm	0,1 kg
TMG-0026	Volumetric Flasks 50 ml	51x51x95 mm	0,1 kg
TMG-0027	Volumetric Flasks 100 ml	64x64x110 mm	0,1 kg
TMG-0028	Volumetric Flasks 250 ml	70x70x120 mm	0,2 kg
TMG-0029	Volumetric Flasks 500 ml	85x85x145 mm	0,25 kg
TMG-0030	Volumetric Flasks 1000 ml	105x105x175 mm	0,5 kg
TMG-0031	Volumetric Flasks 2000 ml	131x131x200 mm	0,75 kg
TMG-0032	Volumetric Flasks 3000 ml	166x166x260 mm	1 kg
TMG-0033	Volumetric Flasks 5000 ml	207x207x315 mm	2 kg



LABORATORY GLASSWARE

Product Code	Description	Dimensions	Weight
TMG-0035	Pycnometer 25 ml for Specific Gravity Bottle	40x40x90 mm	0,05 kg
TMG-0036	Pycnometer 50 ml for Specific Gravity Bottle	50x50x100 mm	0,05 kg
TMG-0037	Pycnometer 100 ml for Specific Gravity Bottle	60x60x120 mm	0,05 kg
TMG-0038	Pycnometer 250 ml for Specific Gravity Bottle	100x100x150 mm	0,1 kg
TMG-0039	Pycnometer 500 ml for Specific Gravity Bottle	110x110x200 mm	0,1 kg
TMG-0040	Pycnometer 1000 ml for Specific Gravity Bottle	150x150x220 mm	0,2 kg
TMG-0041	Pycnometer 2000 ml for Specific Gravity Bottle	200x200x250 mm	0,3 kg



Product Code	Description	Dimensions	Weight
TMG-0043	Pycnometer 250 ml Bottle Type Double Edged and Capillary Tubed Funnel	110x110x270 mm	0,4 kg
TMG-0044	Pycnometer 500 ml Bottle Type Double Edged and Capillary Tubed Funnel	130x130x270 mm	0,7 kg
TMG-0045	Pycnometer 1000 ml Bottle Type Double Edged and Capillary Tubed Funnel	150x150x270 mm	0,9 kg
TMG-0046	Pycnometer 2000 ml Bottle Type Double Edged and Capillary Tubed Funnel	180x180x330 mm	1,25 kg
TMG-0047	Pycnometer 3000 ml Bottle Type Double Edged and Capillary Tubed Funnel	200x200x340 mm	1,35 kg
TMG-0048	Pycnometer 5000 ml Bottle Type Double Edged and Capillary Tubed Funnel	250x250x340 mm	1,5 kg



Product Code	Description	Dimensions	Weight
TMG-0050	Graduated 250 ml Impurities Test Bottle	100x100x200 mm	0,25 kg
TMG-0051	Graduated 500 ml Impurities Test Bottle	200x200x400 mm	0,5 kg
TMG-0052	Graduated 1000 ml Impurities Test Bottle	300x300x500 mm	1 kg
TMG-0053	Graduated 2000 ml Impurities Test Bottle	450x450x700 mm	1,75 kg
TMG-0054	Cylindrical Glass Bottle 450 ml with Stopper For Organic Impurities - EN	80x80x210 mm	0,5 kg

LABORATORY GLASSWARE

Product Code	Description	Dimensions	Weight
TMG-0056	Erlenmeyer Flask 50 ml	51x51x95 mm	0,05 kg
TMG-0057	Erlenmeyer Flask 100 ml	64x64x110 mm	0,1 kg
TMG-0058	Erlenmeyer Flask 150 ml	74x74x115 mm	0,13 kg
TMG-0059	Erlenmeyer Flask 250 ml	85x85x145 mm	0,2 kg
TMG-0060	Erlenmeyer Flask 300 ml	87x87x150 mm	0,45 kg
TMG-0061	Erlenmeyer Flask 500 ml	70x70x120 mm	0,6 kg
TMG-0062	Erlenmeyer Flask 1000 ml	105x105x174 mm	1 kg
TMG-0063	Erlenmeyer Flask 2000 ml	131x131x220 mm	1,6 kg
TMG-0064	Erlenmeyer Flask 5000 ml	166x166x280 mm	3 kg

Product Code	Description	Dimensions	Weight
TMG-0066	Filter Flask 250 ml	187x187x310 mm	0,2 kg
TMG-0067	Filter Flask 500 ml	166x166x260 mm	0,25 kg
TMG-0068	Filter Flask 1000 ml	207x207x315 mm	1 kg
TMG-0069	Filter Flask 2000 ml	207x207x315 mm	2 kg



LENGTH MEASUREMENT

- Product Code**
- TMG-0673 | Feeler Gauges 0.03mm to 1.00mm 32 pieces,
 - TMG-0674 | Feeler Gauges 0.05mm to 1.00mm 20 pieces,
 - TMG-0676 | Engineer Square 150-100 mm
 - TMG-0677 | Engineer Square with Base 300-175 mm
 - TMG-0681 | Steel Ruler 250x1 mm
 - TMG-0682 | Steel Ruler 300x1 mm
 - TMG-0683 | Steel Ruler 500x1 mm
 - TMG-0684 | Steel Ruler 1000x0,5 mm



Description

Supplies analog and digital instruments for length measurement and evaluation. Engineers Squares are useful instruments for setting up and checking machines and projects for high accuracy. Set of Feeler Gauges is a tool used to measure gap widths which are used in engineering to measure the clearance between two parts. Steel Rulers are come in rigid and flexible versions. Although their primary purpose is accurate measurement, they can also be used as guides for laying out lines.

LENGTH MEASUREMENT

- Product Code**
- TMG-0673 | Feeler Gauges 0.03mm to 1.00mm 32 pieces,
 - TMG-0674 | Feeler Gauges 0.05mm to 1.00mm 20 pieces,
 - TMG-0676 | Engineer Square 150-100 mm
 - TMG-0677 | Engineer Square with Base 300-175 mm
 - TMG-0681 | Steel Ruler 250x1 mm
 - TMG-0682 | Steel Ruler 300x1 mm
 - TMG-0683 | Steel Ruler 500x1 mm
 - TMG-0684 | Steel Ruler 1000x0,5 mm



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LOAD CELL AND LOAD RING

Product Code

- TMG-0901 | Load Cell 1 kN Capacity - S type
- TMG-0902 | Load Cell 2 kN Capacity - S type
- TMG-0903 | Load Cell 1 kN Capacity - S type
- TMG-0904 | Load Cell 2 kN Capacity - S type
- TMG-0905 | Load Cell 5 kN Capacity- S type
- TMG-0906 | Load Cell 50 kN Capacity- S type

- TMG-0907 | Load Cell 10 kN Capacity- Pancake type
- TMG-0908 | Load Cell 20 kN Capacity- Pancake type
- TMG-0909 | Load Cell 50 kN Capacity- Pancake type
- TMG-09010 | Load Cell 100 kN Capacity- Pancake type
- TMG-09011 | Load Cell 300 kN Capacity- Pancake type
- TMG-09012 | Load Cell 600 kN Capacity- Pancake type
- TMG-09013 | Load Cell 1000 kN Capacity- Pancake type

- TMG-09014 | Load Ring 5 kN Capacity
- TMG-09015 | Load Ring 50 kN Capacity

- TMG-09016 | Pressure Transducer- 2000 kPa
- TMG-09017 | Pressure Transducer- 600 bar- 0-100 mV



Description

The Load cells are a transducer which is used to convert the applied force to electric signal. Strain gauge load cells which provide accurate electrical signal proportional to the applied load. Load Rings are used with testing machines to measure the applied load. All models are supplied complete with 0.001 mm resolution digital dial gauges.

LINEAR POTENTIOMETRIC TRANSDUCERS

Product Code

- TMG-0925 | Linear Potentiometric Displacement Transducer - Travel 10x0.001 mm
- TMG-0926 | Linear Potentiometric Displacement Transducer - Travel 25x0.001 mm
- TMG-0927 | Linear Potentiometric Displacement Transducer - Travel 50x0.001 mm
- TMG-0928 | Linear Potentiometric Displacement Transducer - Travel 100x0.001 mm
- TMG-0929 | Linear Potentiometric Displacement Transducer - Travel 300x0.001 mm



Description

The Linear Potentiometric Displacement Transducers provides an electric signal proportional to the linear shaft displacement.

DATA LOGGER

Product Code

- TMG-0945 | Data Logger - 4 Channel Data Acquisition Unit
- TMG-0955 | Data Logger - 8 Channel Data Acquisition Unit



Description

Data Loggers are a data acquisition unit which provides the link between software and the transducers connected to the test equipments. Data loggers can be used at triaxial tests and consolidation tests or for general data collecting purposes.

Technical Specifications for 4 and 8 channel Data loggers ;

- High resolution : 16M points (effective 260.000 points)
- Large permanent memory
- Ethernet port for PC connection
- CPU card by microprocessor 32 bit ARM risk architecture
- 10 (sample/sec) / channel
- 24 bit A/D Converter (260.000 effective divisions),
- Digital gain selection, suitable for potentiometric transducers
- mv/V Sensors (pressure transducers, load cells, linear transducers)
- 4 Mb memory

DIAL GAUGE

Product Code

- TMG-0936 | Analog Dial Gauge 30 x 0.01 mm - 0-100 Scale - Clockwise
- TMG-0937 | Analog Dial Gauge 50 x 0.01 mm - 0-100 Scale - Clockwise
- TMG-0938 | Digital Dial Gauge 25 x 0.01 mm - LCD Display - Data Output
- TMG-0939 | Digital Dial Gauge 25 x 0.01 mm - LCD Display - Data Output



Description

Dial Gauges are essential instruments that are used to measure accurately very small and diminutive liner distances. There are Digital Dial Gauge models according to specific applications.

