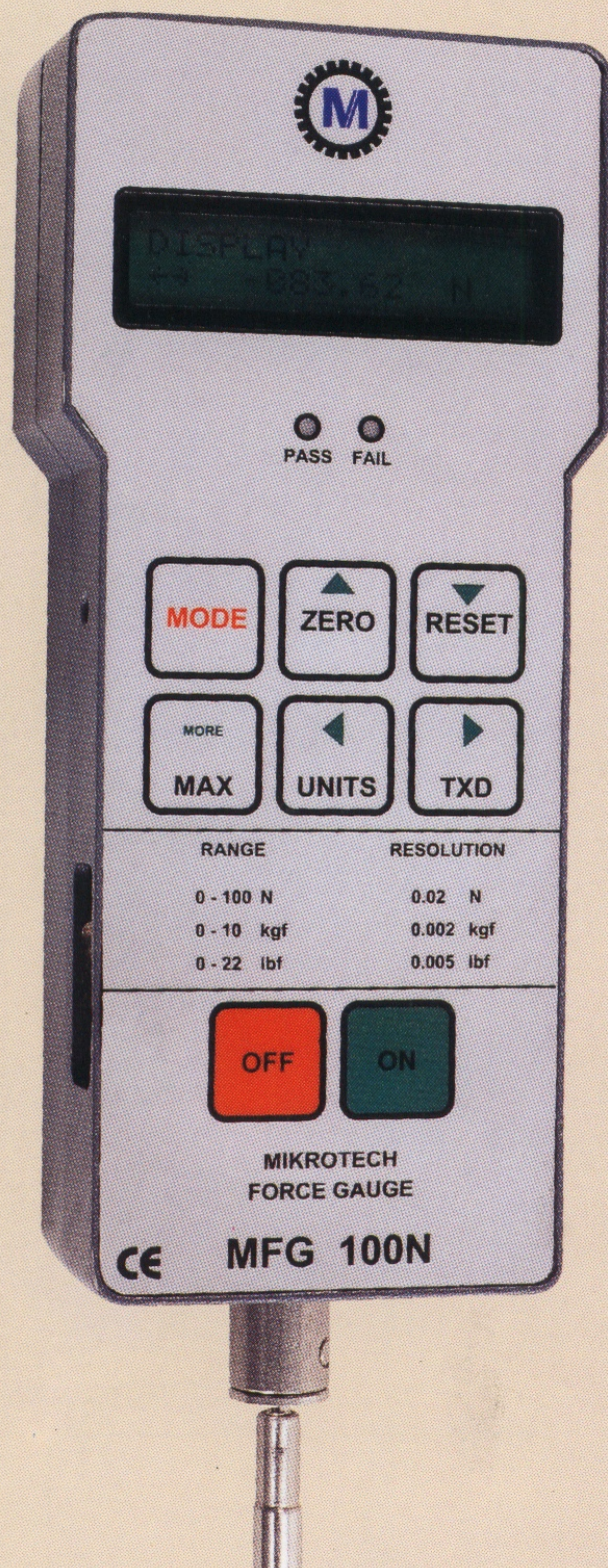


# MIKROTECH FORCE GAUGE

## Tension and Compression Measurement Solution



- Ultimate Peak capture
- Resolution 1 part in 5000
- Data Output - RS 232
- Hand held-Light duty construction
- Dual Point Alarms, Pass/Fail, Audible and Visual Red/Green LED's.
- Multiple Units of Measurement - N, Lbs, Kilos
- Wide Range of Test Stands, Gripping Fixtures and Accessories on demand.

### Utility Sectors

- ▶ Pharmaceutical
- ▶ Military
- ▶ Electronics
- ▶ Medical
- ▶ Packaging
- ▶ Toy & Nursery Products
- ▶ Cosmetics
- ▶ Food Processing
- ▶ Rubber & Plastics
- ▶ Ergonomics/Occupational Therapy
- ▶ General Engineering
- ▶ Metal Fabrications
- ▶ Automotive
- ▶ Aviation
- ▶ Aerospace/Defence
- ▶ Telecommunications
- ▶ Textile
- ▶ Domestic Appliances



**Mikrotech**

## The Versatile Force Measuring Instrument

The Mikrotech Force Gauge (MFG) is the most versatile, fully featured, high specification Force Measuring Instrument. The MFG is useful for testing Force in both tension and compression.

The instrument is of robust construction, duly fitted with high sensitivity and accuracy Load Cell in Aluminium housing. The Instrument can be hand-held or mounted on suitable test stand. The instrument offer the resolution of 1 part in 5000 per units of measurement capacity.

Using the data output connector and interface cable, the test results can be transmitted to PC via RS 232.

The MFG is supplied in a suitable transit case, together with an adaptor/charger and also the basic accessories. It carries CE Marking and is supplied with a calibration certificate traceable to National Standards.



## Applications

MFG is a hand-held, multifunctional, light duty instrument, which can be used for Force Measurements as per the requirements in varied field. Some of the applications are:

- Tension and Compression Testing
- Packing - Crush and Peel Testing
- Connector Insertion and Withdrawl
- Operational Forces
- Closure Torque Testing (With Torque Sensor)
- Spring Testing
- Adhesive Bonds
- Crimp Joint Testing
- Medical Devices
- Steering Wheel Torque (With Torque Sensor)

## Mikrotech Force Gauge

Model No.	N	Kgf.	Lbs
MFG 101	100 X 0.02	10 X 0.002	22 X 0.005
MFG 102	250 X 0.05	25 X 0.005	55 X 0.02
MFG 103	1000 X 0.2	100 X 0.02	220 X 0.05

- Overall Dimensions : 200 x 85 x 40 mm. (Approx.)
- Accuracy :  $\pm 0.1\%$  of F.S.D.  $\pm$  L.S.D.
- Weight : 650 gms. (Approx.)



MFG Mounted on Spring Testing Machine

Manufactured by:



Marketed by:



**Mikrotech Sales & Service**

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