

# LG Series

## Mechanical Force Gauge



# Functions and Features



## Simple & Precise

The LG Series features a larger, 2.25-inch dial for improved resolution and readability, a peak hold button, ergonomic shape and improved accuracy of  $\pm 0.5\%$  of full scale.

## Durability

The LG gauge is an excellent, economical solution for tensile or compression testing. The durable, plastic housing fits naturally in the hand for a comfortable and firm grip even at maximum loads. Gauges can be mounted to a test stand for even greater control and consistent results in repetitive testing applications.

## Classic easy-to-read scale

Easy to read concentric dial measures clockwise only. Dial rotates 360-degrees for taring. A peak hold button captures peak readings and can be easily and quickly returned to zero. A mechanical overload feature protects the gauge from damage. Available in lbf, kgf or N units of measure.

## Chatillon LG Series

Chatillon has been a hallmark in the industry since 1835. The handheld gauges and motorized testers have earned their reputation for quality, reliability and accuracy and they represent the de facto standard for force measurement.

The CHATILLON® LG Series mechanical force gauge is ideal for a wide range of force testing applications based on our popular DPP Series force gauge.

## Features

The LG Series is simple to use and a very steady and sturdy instrument :

- Three Graduation Styles
  - LBF
  - KGF
  - Newtons
- Tensile (Pull) & Compression (Push) Testing
- Peak Load Switch
- Tare Ring
- Intrinsically Safe
- NIST Calibration with Data
- 2 Year Warranty

# Ordering

DG Series			
Model	lbf	kgf	N
LG-002	2 x 0.01 lbf		
LG-005	5 x 0.025 lbf		
LG-080	80 x 4 ozf		
LG-010	10 x 0.05 lbf		
LG-020	20 x 0.10 lbf		
LG-030	30 x 0.15 lbf		
LG-050	50 x 0.25 lbf		
LG-075	75 x 0.375 lbf		
LG-100	100 x 0.50 lbf		
LG-1KG		1 x 0.005 kgf	
LG-2KG		2 x 0.010 kgf	
LG-3KG		3 x 0.015 kgf	
LG-5KG		5 x 0.025 kgf	
LG-10KG		10 x 0.05 kgf	
LG-20KG		20 x 0.10 kgf	
LG-30KG		30 x 0.15 kgf	
LG-50KG		50 x 0.25 kgf	
LG-10N			10 x 0.05 N
LG-20N			20 x 0.10 N
LG-30N			30 x 0.15 N
LG-50N			50 x 0.25 N
LG-100N			100 x 0.50 N
LG-200N			200 x 1.00 N
LG-300N			300 x 1.50 N
LG-500N			500 x 2.50 N

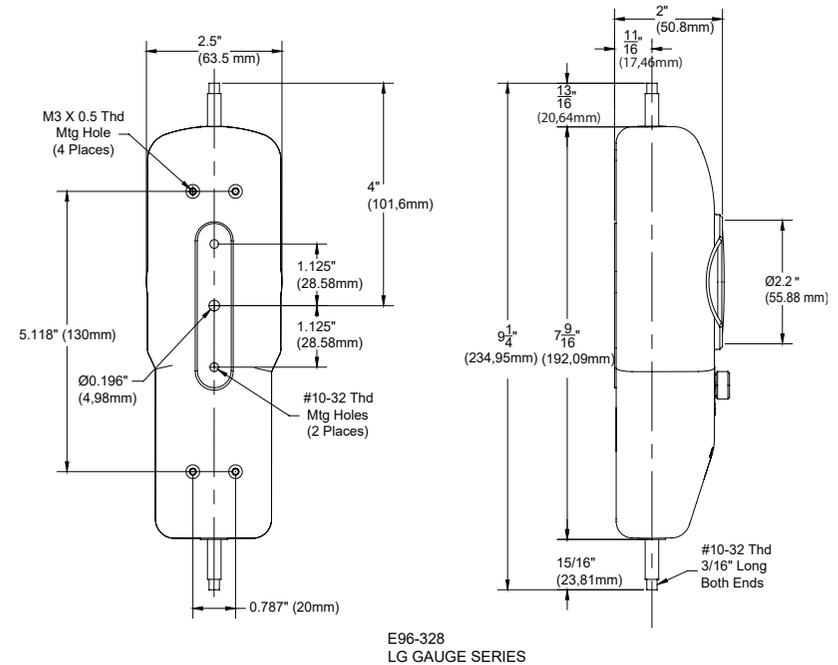


Accessories		
Part No.	Description	
SPK-FMG-012A	Hook, Low Capacity	■
SPK-FMG-012B	Hook, Medium Capacity	■
SPK-FMG-008A	Chisel Point Adapter	■
SPK-FMG-009A	Point Adapter	■
SPK-FMG-010A	Notch Adapter	■
SPK-FMG-011A	Flat Adapter	■
SPK-FMG-013A	Extension Rod	■
NC002710	Carrying Case	■
SPK-FMG-HANDLE	Handle Assembly	●

- Standard Accessory
- Optional Accessory

# Dimensions and Specifications

Specifications	
Accuracy	±0.50% of Full Scale
Overload Capacity	110% of Rated Capacity
Maximum Overload	150% of Rated Capacity
Tare Capacity	10% of Rated Capacity
Dial Resolution	0.5% of Full Scale
Deflection (Full Scale)	10mm (.394 inches)
Operating Temperature	40°F to 110°F (5°C to 45°C)
Instrument Weight	1.5 lbs (0.67 kg)
Shipping Weight	3.5 lbs (1.59 kg)



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