



# **Digital Forge Gauges**

Push/Pull measurements in kg, lbs, oz and Newton units

On 5-digit LCD with reversable display feature to match viewing angle

### **Features:**

- · Exclusive load cell measurement transducer
- · Overrange, low battery and advanced function indication
- · Zero Adjust push-button and Peak Hold switch
- Selectable fast/slow response
- Complete with hook adaptor for tension, compression adaptors (flat, cone and chisel head), 5" extension rod, 6 AA batteries and carrying case

#### Two Models to choose from:

- Model 475040 features 5000g, 176 oz. and 49 Newtons measurement capacity. Added features include Newton units, reversible display and fast/slow response mode
- Model 475044 features 20 kg, 44 lbs and 196 Newtons push/pull measurement capacity with same added features as 475040

## **Applications:**

 Ideal for a wide variety of applications in the electronics, automotive, chemical, plastics and machinery industries



## **Ordering Information:**

	Digital Force Gauge
475040-NIST	475040 with Calibration Traceable to NIST
475044	High Capacity Force Gauge
475044-NIST	475044 with Calibration Traceable to NIST
479097	Accessory Kit (2eahook, flat, cone, & chisel head adaptors)
475001	Hook Adaptor
	120V AC Adaptor



Specifications	475040	475044	
Range	176 oz, 5000g, 49 Newtons	44 lbs, 20kg, 196 Newtons	
Accuracy (23°C)	$\pm (0.4\% + 1 \text{ digit})$	$\pm (0.5\% + 2 \text{ digit})$	
Resolution	0.05oz, 1g, 0.01 Newtons	0.01lbs, 0.01kg, 0.05 Newtons	
Overload capacity	10kg	30kg	
Display	5 digits, 0.4" (10mm) LCD display		
Update Rate	Fast mode 0.2 secs; Slow mode 0.6 secs.		
Full scale deflection	2.00mm		
Transducer type	Load cell		
Peak Hold	Freezes Max reading on display		
Power Supply	Six 1.5V AA (UM-3) batteries or DC 9V adaptor (not included)		
Weight	1.2 lbs (551g)		
Size	8.9 x 3.3 x 1.5" (227 x 83 x 39mm)		