

# Series DPZH

## Programmable Digital Force Gauge with Outputs



- Programmable high/low setpoints with color-coded LED indicators and output signal for quick go/no go testing
- 960 Data memory for computer download
- External switch display hold and clear
- lbf, kgf, and N units are selectable
- RS-232C, Digimatic and Analog outputs
- Runs on internal NiCad batteries or AC adapter
- Ergonomic, heavy duty metal construction
- Capacity up to 1100 lbs (push/pull)
- Overload capacity 200% of F.S.
- Real time and peak mode (selectable)
- Tare function
- Overload alarm and output signal
- Low battery indicator
- Reversible display
- Force Control with MX Series test stands
- Full set of accessories, AC adapter/ charger and carrying case. DPZH gauges are sold in kit form.

Model DPZH is high performance, digital force gauge which offers programmable high/low setpoints for go/no-go testing. ORANGE lights up for measurements less than Low setpoint, GREEN for between High and Low setpoint, and RED for over High setpoint.

Store up to 960 values in memory, which can be transmitted using the Digimatic or serial output ports. Use the real time mode to display load transients, or the peak mode to capture the peak force achieved during a test. Selectable measuring units of lbf, kgf, or Newtons.

Connect an Imada DPZH force gauge with an MX Series test stand and enable force controlled testing. Force control can automatically stop testing when the force value reaches the high setpoint programmed on the DPZH force gauge, or maintain the force between the DPZH High and Low setpoints. Force control is ideal for fatigue or non-destructive testing.

All DPZH gauges are sold in kits which include the force gauge, hard carrying case, AC adapter/charger, tension hook, four compression adapters, extension shaft and knurled steel handles. Built-in NiCad rechargeable batteries.

DPZH includes handles



DPZH Kit



## DPZH Specifications

<b>Accuracy</b>	± 0.2% ± 1 LSD
<b>Selectable Units</b>	Pounds, Kilograms or Newtons
<b>Overload Capacity</b>	200% of F.S. (Overload indicator flashes beyond 108% of F.S.)
<b>Power</b>	Rechargeable NiCad battery pack or AC adapter
<b>Battery Indicator</b>	Display flashes BAT when battery is low
<b>Memory</b>	Non-volatile, recall up to 960 loads
<b>Setpoints</b>	Programmable high/low setpoints with color-coded indicators and output signal
<b>Outputs</b>	RS-232, Digimatic and ± 2 VDC analog output
<b>Operating Temp.</b>	32° to 100°F (0° to 40°C)

Model	Capacity (Resolution)		
	Pounds	Kilograms/Grams	Newtons
<b>DPZ-440</b>	440.0 lbf (0.1 lbf)	200.0 kg (0.1 kgf)	2000 N (1 N)
<b>DPZ-1100</b>	1100.0 lbf (1 lbf)	500.0 kg (0.1 kgf)	5000 N (1 N)

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