

Series 137- AXT High Performance Programmable Digital Force Gauge with Outputs

- Programmable high/low setpoints with color-coded indicators for quick go/no go testing
- 256 Data memory for recall and computer download
- External switch display hold and clear
- lb., kg, and N units are push button selectable
- RS-232C, Digimatic and Analog outputs
- Runs on internal NiCad batteries or AC adapter
- Ergonomic, heavy duty metal construction
- Capacity up to 220 lbs. (push/pull)
- Overload capacity 200% of F.S.
- Real time and peak mode (selectable)
- Tare function
- Overload alarm, low battery indicator
- Full set of accessories, AC adapter/charger and carrying case



The AXT are highly sophisticated, digital force gauges which offer programmable high/low setpoints for go/no-go force testing. ORANGE lights up for force measurements less than Low setpoint, GREEN for between High and Low setpoint, and RED for over High setpoint.

Store up to 256 values in memory, which can be displayed or 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 force measuring units of lb., kg, or Newtons for both tension and compression.

All AXT force gauges are sold in kits, which include the gauge, hard plastic carrying case, AC adapter/charger, and attachments (flat head, conical, chisel, notched, small hook, large hook, Y-fork, and extension rod). Built-in NiCad rechargeable batteries.



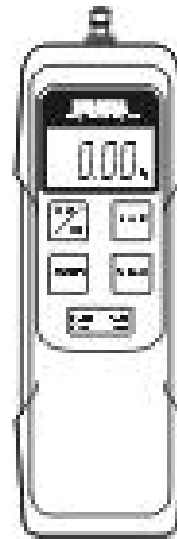
AXT Specifications

Accuracy	± 0.2% ± 1 LSD
Selectable Units	Pounds, Kilograms or Newtons
Overload Capacity	200% of F.S. Display flashes beyond 110% of F.S.
Display Update	20 times/second
Power	Rechargeable NiCad battery pack or AC adapter
Low Battery Indicator	Display flashes BAT when battery is low
Memory	Non-volatile, recall up to 256 loads
Peak Memory	Recalls both peak tension and compression
Setpoints	Programmable high/low setpoints with color-coded indicator
Outputs	RS-232, Mitutoyo Digimatic and ± 2 VDC analog output
Operating Temp.	32° to 100°F (0° to 40°C)

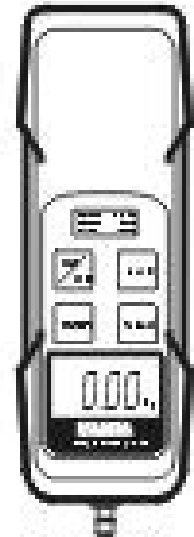
AXT Ranges (Resolutions) Accuracy: ±0.2% F.S. ±1 LSD

Model	Capacity (Resolution)		
	Pounds/Ounces	Kilograms/Grams	Newtons
AXT-0.5	8.818 oz (0.001 oz)	250.0 g (0.1 g)	2.450 N (0.001 N)
AXT-1	17.63 oz (0.01 oz)	500.0 g (0.1 g)	4.900 N (0.001 N)
AXT-70oz	70.55 oz (0.01 oz)	2.000 kg (0.001 kg)	19.61 N (0.01N)
AXT-4	4.410 lb. (0.001 lb.)	2.000 kg (0.001 kg)	19.60 N (0.01 N)
AXT-11	11.02 lb. (0.01 lb.)	5.000 kg (0.001 kg)	49.00 N (0.01 N)
AXT-44	44.10 lb. (0.01 lb.)	20.00 kg (0.01 kg)	196.0 N (0.1 N)
AXT-110	110.2 lb. (0.1 lb.)	50.00 kg (0.01 kg)	490.0 N (0.1 N)
AXT-220	220.5 lb. (0.1 lb.)	100.0 kg (0.1 kg)	979 N (1 N)

Use an "R" suffix for reverse display units (for use on vertical test stands)



Standard display



Reverse display