

Series 137-AXT-DPU Remote Sensor



- Programmable high/low setpoints with color-coded indicators
- 256 Data memory for recall and computer download
- External switch display freeze and zero clear
- RS-232C, Digimatic and Analog outputs
- Capacity up to 4400 lbs. (push and pull)
- Accuracy $\pm 0.2\%$ F.S. ± 1 digit
- Overload capacity 200% of F.S.
- Ergonomic, heavy duty metal construction
- Real time and peak mode (selectable)
- Lb., Kg, and N units are push button selectable
- Tare function
- Overload alarm, low battery indicator
- Runs on internal NiCad batteries or AC adapter
- Full set of accessories, AC adapter/charger and carrying case included

The AXT -DPU remote sensor has the same sophisticated features as our AXT force gauge and includes a separate sensor that is ideal for confined spaces or difficult to reach force measurements. All sensors are good for both compression and tension. A standard six foot cable connects the force gauge to the sensor.

AXT-DPU Specifications

Accuracy	$\pm 0.2\% \pm 1$ 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-DPU Ranges (Resolution) Accuracy: $\pm 0.2\%$ FS ± 1 LSD

Model	Capacity (Resolution)		
	Pounds	Kilograms	Newtons
AXT-0.5 DPU	8.818 oz (0.001 oz)	250 g (0.1 g)	2.450 N (0.001 N)
AXT-1 DPU	17.63 oz (0.01 oz)	500 g (0.1 g)	4.900 N (0.001 N)
AXT-4 DPU	4.400 lb. (0.001 lb.)	2.000 kg (0.001 kg)	19.60 N (0.01 N)
AXT-11 DPU	11.00 lb. (0.01 lb.)	5.000 kg (0.001 kg)	49.00 N (0.01 N)
AXT-44 DPU	44.00 lb. (0.01 lb.)	20.00 kg (.01 kg)	196.0 N (0.1 N)
AXT-110 DPU	110.0 lb. (0.1 lb.)	50.00 kg (.01 kg)	490.0 N (0.1 N)
AXT-220 DPU	220.0 lb. (0.1 lb.)	100.0kg (0.1kg)	980 N (1N)
AXT-440 DPU	440.0 lb. (0.1 lb.)	200.0kg (0.1kg)	1960N (1N)
AXT1100 DPU	1100 lb. (1 lb.)	500.0kg (0.1kg)	4900N (1N)
AXT-2200 DPU	2200 lb. (1 lb.)	1000kg (1kg)	9800N (10N)
AXT-4400 DPU	4400 lb. (1 lb.)	2000kg (1kg)	1960 x 10N (100N)