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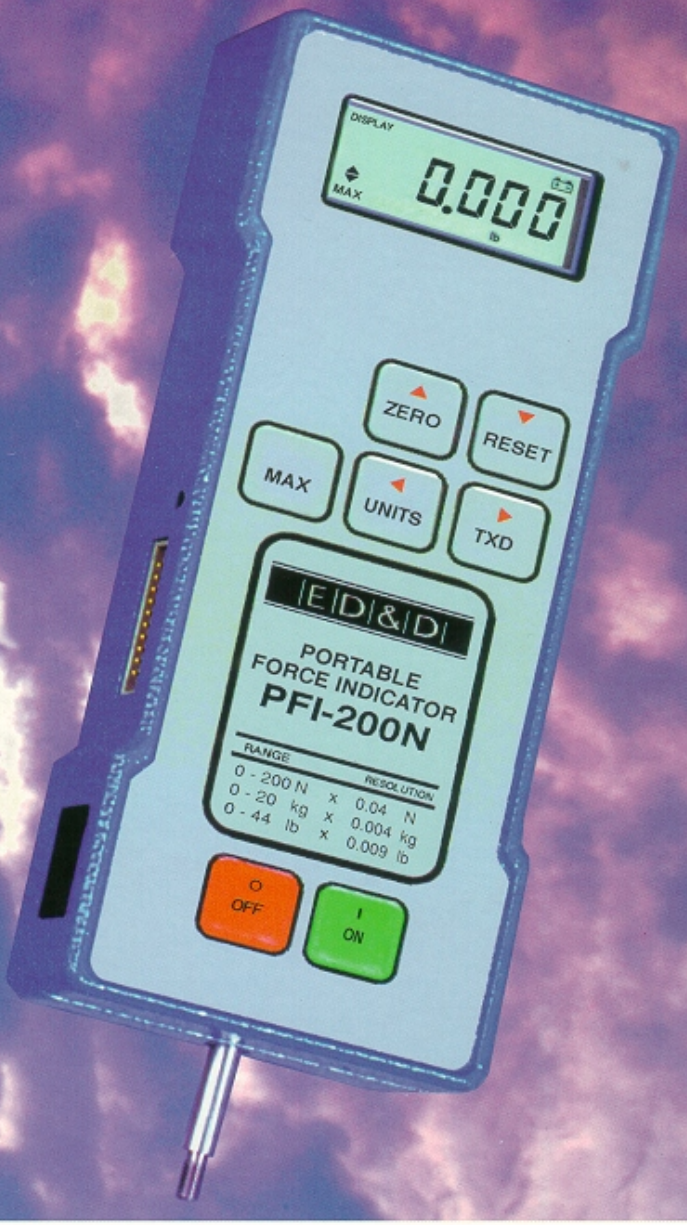
For UL, CSA, TUV, BSI, VDE, and IEC Product Safety Testing

DIGITAL FORCE INDICATORS





FORCE & TORQUE MEASUREMENT: 4 CAPACITIES (50N, 200N, 500N, 1000N)

- Push and Pull capability
- For use on Stability, Vent Opening, Clearance Measurement and other required Force Tests
- Hand held design, can also be mounted to a test frame (available separately).
- Accuracy of ± 0.5%
- Includes RS232 output connector.
- Many accessory tips available, including force plates and accessibility probe tips.

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MODEL:	PFI-50N		PFI-200N		PFI-500N		PFI-1000N	
Power supply:	220/250V AC, 50/60 Hz or 110/115V AC, 50/60 Hz							
Capacity/Resolution :	50N	0.01N	200N	0.04N	500N	0.1N	1000N	0.2N
	5dN	0.001dN	20dN	0.004dN	50dN	0.01dN	100dN	0.02dN
	5000g	1g	20000g	4g	50000g	10g	N/A	N/A
	5kg	0.001kg	20kg	0.004kg	50kg	0.01kg	100kg	0.02kg
	180oz	0.04oz	700oz	0.02oz	1800oz	0.4oz	3500oz	0.8oz
	11lb	0.003lb	44lb	0.009lb	110lb	0.03lb	220lb	0.05lb
Weight (w/o access.)	1.5 lb./750g							
Operation Temperature:	50°F - 95°F (10°C - 35°C)							
Internal sampling rate:	1000 times per second							
Display update:	50 times per second (Hz)							
Accuracy:	±0.5% F.S.D. of rated capacity							
Digit size:	0.4 inches high / 10mm							
Battery life:	20 hours between charges							
Battery saving routine:	Shutdown automatically occurs 10 min. after last key depression							
OUTPUTS:								
Analog output:	±600mV ±120mV							
RS232 (bi-directional):	Baud rate 9600, 8 data bits, 1 start bit, 1 stop bit, no parity							
Mitutoyo output:	Standard Mitutoyo format from pins 7-11 on 20 way communication and peripheral connector.							

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