

Peak Force (adjustable)	lb	<10 to >1,000
Sensitivity (nominal at X1)	mV/lb [mV/N]	10 [2,3]
Range (output)	volts	10
Overload Detection (LED)	volts	8 to 10
Underload Detection (LED)	volts	<1
Gains (signal amplifier)	x	0.5, 1.0, 2.0, 5.0, 10.0
Connectors:		
Output	jack	BNC
Remote Trigger	jack	BNC
Force Transducer	ICP®	208M51
Trigger Rate (maximum)	rate/min	60 (approximately)
Size (L x W x H)	inch [mm]	9 x 2.7 x 9.7 [229 x 68,6 x 246,6]
Weight	lb [kg]	3.5 [1,59]
Power (50 to 60 Hz)	VAC	115
Fuse	A	6 Slo Blo
Cord, Attached (3-Wire)	in [m]	6 [0,152]
Spectral Noise:		
Using Internal Signal Conditioning		
1 Hz	μlbf/√Hz [μN/√Hz]	1,200 [280]
10 Hz	μlbf/√Hz [μN/√Hz]	340 [77]
100 Hz	μlbf/√Hz [μN/√Hz]	89 [20]
1000 Hz	μlbf/√Hz [μN/√Hz]	18 [4,0]
Using External Signal Conditioning		
1 Hz	μlbf/√Hz [μN/√Hz]	410 [92]
10 Hz	μlbf/√Hz [μN/√Hz]	220 [50]
100 Hz	μlbf/√Hz [μN/√Hz]	79 [18]
1000 Hz	μlbf/√Hz [μN/√Hz]	22 [5,0]
Duty Cycle (continuous)	Sec	3

NOTES:

- [1] With attached 007A003 Cable
- [2] 75°F ambient temperature

OPTIONS:

- F option
- Power (50 to 60 Hz) VAC 230
- Fuse A 3 Slo Blo

SUPPLIED ACCESSORIES:

- Model 017 Power Cord
- Model 085A10 Covers for Medium Tip (2)
- Model 084C11 Super Soft (2)
- Model 084C05 Soft Tip [(2)
- Model 084B04 Medium Tip
- Model 084B03 Hard Tip
- 342-0285-01 Force Adjustment Rod

In the interest of constant product improvement, we reserve the right to change specifications without notice.

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Drawn	BLS	7-10-07	Spec No. 086-3090-80
Engineer	CLL	7-3-07	
Sales	WDC	7-3-07	Sheet 1 of 1
Approved	EB	7-3-07	