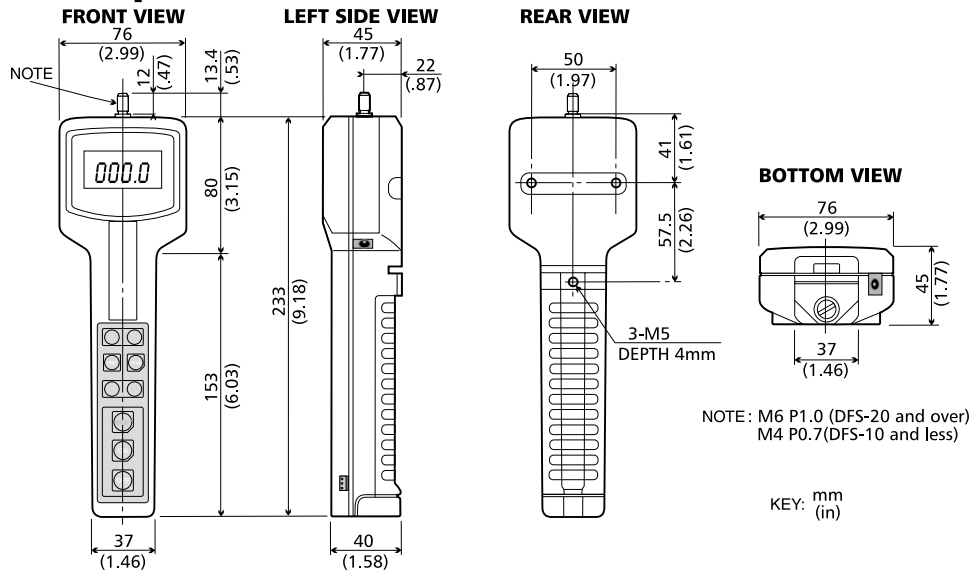


Dimensions and Specifications



MODELS	DFS-0.5 DFS-0.5R	DFS-1 DFS-1R	DFS-2 DFS-2R	DFS-5 DFS-5R	DFS-10 DFS-10R	DFS-20 DFS-20R	DFS-50 DFS-50R	DFS-100 DFS-100R
CAPACITY	8 oz 200 g 2 N	16 oz 500 g 5 N	2 lb 1000 g 10 N	5 lb 2 Kg 20 N	10 lb 5 Kg 50 N	20 lb 10 Kg 100 N	50 lb 20 Kg 200 N	100 lb 50 Kg 500 N
RESOLUTION	0.01 oz		0.001 lb		0.01 lb		0.1 lb	
	0.1 g		1 g		0.001 Kg		0.01 Kg	
	0.001 N		0.01 N				0.1 N	
ACCURACY	±0.2% FS + 1/2 digit at 23°C							
DISPLAY	4-Digit LCD, 11.5 mm High with various indicators including Low Battery Indication and minus sign for Tension.							
MEASURING MODE	Average, Peak Compression, Peak Tension (selectable)							
DISPLAY UPDATE	125 ms, 250 ms, 1 sec, 2 sec (selectable)							
SAMPLING RATE	Average Mode: 125 ms, 250 ms, 1 sec, 2 sec Peak Mode: 1 ms, 125 ms, 250 ms, 1 sec, 2 sec							
TEMPERATURE COEFFICIENT	Zero: ±0.02% FS/°C (max.), Span: ±0.015% of reading/°C (max.)							
OUTPUTS	1. RS232C 2. Digimatic: (works with Mitutoyo's printer model DP-1HS) 3. Analog: (±1VDC with load impedance of 2K or higher and tare function capability.)							
OVERLOAD CAPACITY	200% of FS							
COMPARATOR OUTPUT (Set Points)	Three open collector NPN transistors for HI, GO, and LO (28VDC, 7 ma max.)							
OVERLOAD OUTPUT	Two open collector NPN transistors one for Tension and one for Compression (28VDC, 5 ma max.)							
TARE & HOLD CONTROL	Relay contact (selectable)							
MEMORY	Holds 100 samples plus statistics (MAX, MIN, AVG, and Standard Deviation)							
POWER	4 - AA Alkaline batteries. Last approx. 20hrs. in continuous operation or AC Adapter for continuous use (6VDC, 200 ma)							
AUTO POWER SHUT-OFF	Selectable (3 minutes if there is no activity)							
OPERATING TEMP RANGE	32 - 113°F (0 - 45°C)							
DIMENSIONS/WEIGHT	3"W x 1.77"H x 9.72"L (76 x 45 x 247)mm /1.2 lbs. (550 g)							
ACCESSORIES (Included)	Batteries, carrying case, overload output cable, AC adapter, 6 adapters (flat head, hook, chisel, notched head, cone & extension rod)							
ACCESSORIES (Available)	Test stands, RS232C cable, Digimatic, analog and comparator output cables.							

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