

Digital Force Gauge - Technical Specification

FMI-100

Order Information

20N...FMI-100B2	Instrument with integrated rechargeable NiCd-battery, 230VAC adaptor/charger, attachable accessories (flat, notched and cone head, hook, chisel, extension rod, hanger) operation manual and carrying case.
50N...FMI-100B5	
200N...FMI-100C2	
500N ... FMI-100C5	
FMI-950	V-Hook
FMI-951	Chuck
FMI-952	Clamping jaw (small)
FMI-955	Film gripping jaw

Specification		FMI-100B2	FMI-100B5	FMI-100C2	FMI-100C5
Measuring Range		0...20 N	0...50 N	0...200 N	0...500 N
Resolution		0,01 N		0,1 N	
Measuring Principle		bi-directional strain gauge			
Operation Mode	standard peak	indicates actual value in N kgf Lb highest value in N kgf Lb			
Accuracy	@ 23°C (F.S.) Tk (absolute) Tk (relative)	+/- 0,2% (+/- ½ digit) automatically at power on +/- 0,02% (°K)			
Overload	max. admitted	200 % (F.S.)			
Display	type update time (Standard) update time (Peak)	LCD, 4-digit, 12mm high 1000msec 500msec 333msec 200msec 100msec 50msec (selectable) 1 msec			
Memory		peak value			
Power Supply	type max. battery life Low Batt indication	integrated NiCd-battery AC-adaptor/-charger 230VAC (50Hz) 8...12 h			
Temperature Range	operation	0...40° C			
Weight		450g			
Dimension	LxWxH	147 x 75 x 38 mm			
Housing Material		aluminium dye cast			
Test Stand Fixing		4 x M4, length 6mm			