

FGW Series

Digital Electrode Force Gauge

Features:

- Suitable for measurement of spot-welding machine
- Accuracy: $\pm 0.3\%$ F.S.
- Ergonomic, durable, heavy-duty metal construction
- Lightweight, suitable for handheld operation
- Selectable Units: kN, N, Kgf, and lbf
- Multiple measurement mode can be set
- Data USB upload function



Specifications:

Accuracy	$\pm 0.3\%$ F.S.
Selectable Units	N, kN, Kgf and lbf. (Selectable)
Display	160*128 dot matrix LCD with LED Backlight
Overload Capacity	120% F.S.
Overload Protection	Overload Protection Mechanism
Measurement Mode	Track, Peak, Pre-set
Sampling Rate	6000 Hz(max)
Memory	1000 data
Power	3.6VDC Ni-MH rechargeable batteries
Battery Life	Approx. 8 hours per charge
Charger/Adaptor	USB charger, Input: 240VAC
Outputs	USB, overload output
Dimensions	150 x 72 x 33mm
Weight	1 Kg

Model		FGW1K	FGW5K	FGW10K	FGW20K	FGW50K
Capacity / Resolution	N	1000 / 1	5000 / 1	-	-	-
	kN	1 / 0.001	5 / 0.001	10 / 0.01	20 / 0.01	50 / 0.01
	kgf	100 / 0.1	500 / 0.1	1000 / 1	2000 / 1	5000 / 1
	lbf	220 / 0.1	1100 / 1	2250 / 1	4500 / 1	1.1k / 0.01k