

Compact Force Gauge⁺ (CFG⁺)

- **Accuracy** $\pm 0.5\%$ of full scale
- **Peak hold** in tension and compression
- **Selectable units of measurement**
N, mN, lbf, ozf, kgf and gf
- **RS232** for easy data transmission
- **Lightweight** plastic case
- **Overload** warning
- **Auto-off** function
- **CE Mark**



The CFG⁺ digital force gauge with RS232 output provides an economical solution for simple tension and compression testing. Powered by AA batteries, the CFG⁺ can be used handheld or fixed to a manual or motorised test stand.

A simple digital alternative to traditional analogue spring balances, the CFG⁺ is ideal for users with a limited budget, who only measure on an occasional basis for non-critical applications.

The CFG⁺ is available in 3 models - 50 N, 200 N and 500 N (11 lbf, 44 lbf and 110 lbf) - and comes complete with a set of accessories, so you can start testing immediately.



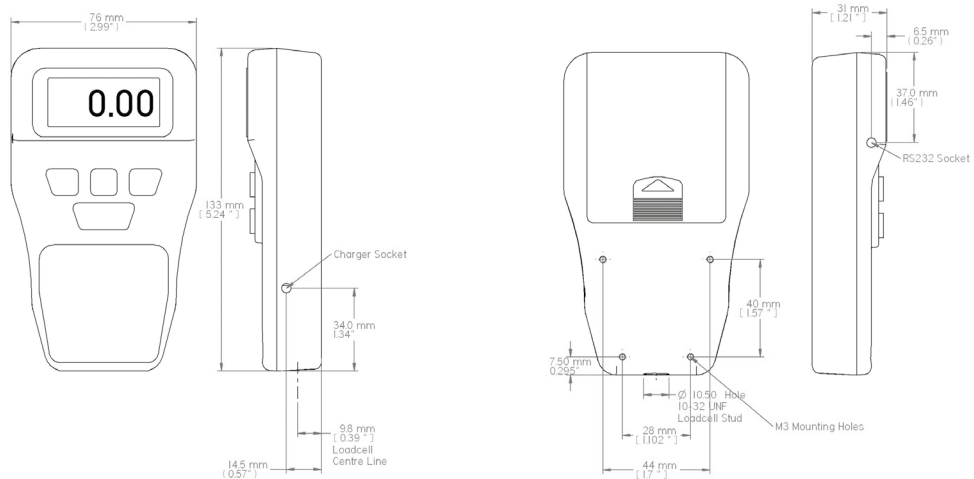
CFG⁺ Accessories



Tensile Test on a Drawer

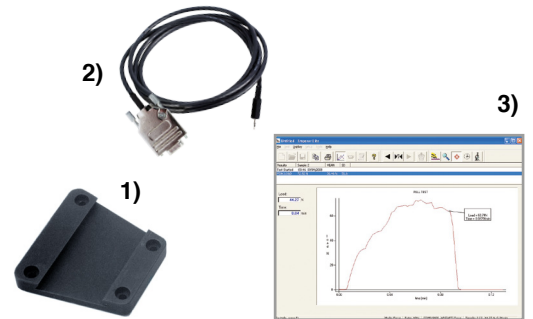
cost-effective
easy-to-use
durable

Dimensions



Optional Extras

- 1) CFG+ Mounting Plate**
Connect your CFG+ to a Mecmesin test stand for a complete test system
- 2) Cable CFG+ to RS232**
Connect your CFG+ to a peripheral device e.g. PC for easy data transmission of test results
- 3) Emperor™ Lite**
Expand the functionality of the CFG+ with Emperor™ Lite data acquisition and plotting software. Analyse test results and view data in graphical format



Specifications

Model No.	Part No.	N	Capacity x Resolution	
			kgf	lbf
CFG+ 50	860 - 021	50 x 0.05	5 x 0.005	11 x 0.01
CFG+ 200	860 - 022	200 x 0.2	20 x 0.02	44 x 0.05
CFG+ 500	860 - 023	500 x 0.5	50 x 0.05	110 x 0.1

Accuracy $\pm 0.5\%$ of full scale

* Not available on the CFG+ 50 N

** Not available on the CFG+ 200 N or 500 N

Note: The following units are available on the majority of CFG+ models. Those that differ are marked by an asterisk with details given: kN*, N, mN, kgf, gf**, lbf, ozf.



FS 58553

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