



PIAB Dynamometer

Versatile Analogue Dynamometer

The PIAB dynamometer is an all-weather instrument for weighing and measuring mechanical forces. Equally suited for use out in the field or in the laboratory, the dynamometer has an easy to read analogue scale displayed through a window. The power absorbing element of the dynamometer consists of special Belleville type spring washers designed to be entirely free from wear. The spring washers cannot be overloaded.

The dynamometers have a safety factor of 5:1 and are accurate to $\pm 0.6\%$ of the maximum capacity. Each instrument is corrosion resistant and fully pressure tested and neatly packaged in a sturdy wooden box.



CAT NO	CAPACITY	GRADUATION	WEIGHT
300015	250kg	5kg	1.9kg
300020	500kg	10kg	1.9kg
300025	1000kg	20kg	1.9kg
300035	3000kg	50kg	2.5kg
300040	5000kg	50kg	2.5kg



Dial Type Dynamometers

Compact, lightweight, rugged construction - designed for line work. Graduated in kN. Accuracy $\pm 3\%$ full scales. Both pulling eyes rotate 360°. Optional maximum reading indicator pointer kit available. Optional, easily installed screw-on face with twin steel protective bars also available. Each tool is serial numbered and supplied in a heavy duty fabric case with calibration certificate.



CAT NO	CAPACITY	LENGTH (A)	LENGTH (B)	LENGTH (C)	LENGTH (D)	WEIGHT
TM-5	5kN	160mm	75mm	90mm	20mm	0.9kg
TM-10	10kN	190mm	75mm	90mm	25mm	1.0kg
TM-20	20kN	190mm	75mm	90mm	25mm	1.1kg
TM-30	30kN	240mm	75mm	95mm	35mm	1.9kg
TM-50	50kN	250mm	90mm	120mm	35mm	2.6kg
TM-100	100kN	350mm	110mm	140mm	50mm	6.0kg

Dynafor Electronic Dynamometer

High Accuracy Digital Dynamometer

Highly accurate instrument for measuring tensile forces. Accuracy to $\pm 0.2\%$ of capacity; reliable operation; compact and robust construction. Up to 250 hours operation before battery change, with low battery indicator and automatic shutdown to save battery power. Peak hold facility. Overload displayed to help prevent accidents and overloading the equipment and systems. Weatherproof and dustproof: IP65.



	LLX-0.25	LLX-0.5	LLX-1.25	LLX-2.5	LLX-5
CAPACITY	250kg	500kg	1250kg	2500kg	5000kg
ACCURACY	$\pm 0.5\text{kg}$	$\pm 1.0\text{kg}$	$\pm 2.5\text{kg}$	$\pm 5.0\text{kg}$	$\pm 10.0\text{kg}$
WEIGHT	1.1kg	1.1kg	1.1kg	1.4kg	4.9kg