ALLURIS
innovative Messinstrumente
für physikalische Größen

FMI-M10

Mech. Force Gauge / Spring Balance

Features

- **Spring scale with Newton scale for easy tensile force measurement**
- **Robust, anodized and abrasion-free aluminum tube with a long precision scale**
- **Determination of peak values with towing ring**
- **Optional pressure set for pressure force measurement**

Technical data

		Order No.:							
		FMI-M10A3	FMI-M10A6	FMI-M10B1	FMI-M10B2	FMI-M10B5	FMI-M10C1	FMI-M10C2	FMI-M10C5
Capacity F(nom)*	N	3	6	10	25	50	100	200	500
Resolution**	N	0,02	0,05	0,1	0,2	0,5	1	2	5
Tolerance**	% F(nom)	3							
Temperature coefficient*	% / K	0,05							
Reproducibility*	% F	0,6							
Repeatability*	% F	0,6							
Hysteresis*	% F	1,5							
Measuring principle		Tension spring with direct scaling							
Nominal deflection*	mm	100				140			
Application of force		Bracket and tow hook							
Accessories	Drag ring	included							
	Handle					included			

Version: 18.11.2019

Alluris GmbH & Co. KG | Basler Straße 65 | 79100 Freiburg | Germany

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Accessories	Push rod (optional)	FMT-918		FMT-917
Calibration Certificate	ISO 9001 certified	CAL-100B1Z		
	ISO 17025 accredited		CAL-210B5Z	CAL-210K1Z

*) according VDI/VDE/DKD 2638 at 0,2 ...1 x F(nom) **) according DIN 1319-1

Scope of Supply

Spring balance with draw hook and instruction manual in protective cover. Print set and calibration certificate optionally available. Attention! When selecting the measuring range, please note that spring scales may be used up to a maximum of 40% of the nominal force range in the event of a tear or fracture test.

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