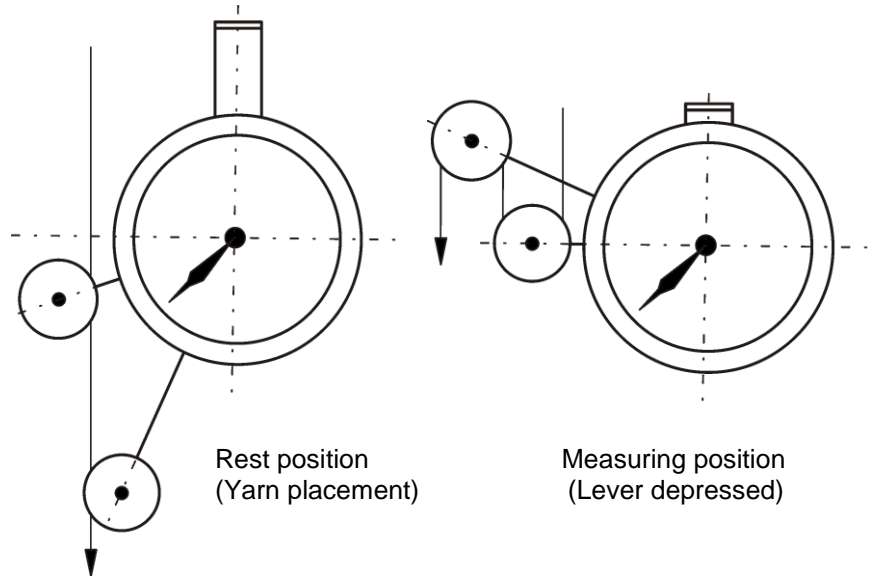
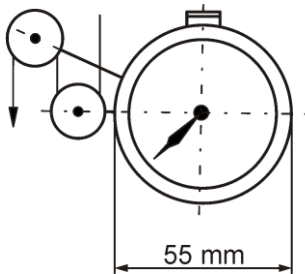


Hand Tensionmeter Zivy

Wherever during processing, yarns and threads are subject to load, they should be checked by means of the yarn tension-meter. This control should take place during spinning and winding, followed by a check during warping, especially if High Speed Warping Equipment is used, and during weft winding. On the latter especially, repeated checks of the yarn tension should be made. The tensions obviously depend on the rule of thumb one can take 1/10 of the yarn weight in Deniers, for the mean graduation on the scale.

Operation

The ZIVY Yarn Tensionmeters designed for single hand use. The tread runs over two rollers, which, to reduce the friction, are mounted on miniature roller bearings. Hold the instrument with the right hand, as shown on the illustration, the inner pulley is brought into contact with the yarn to be measured, keeping the yarn parallel to the lever on the top of the instrument. The outer pulley is then pivoted to its stop by depressing the lever. The inner pulley then takes a position which represents the balance between the tension of the yarn and the main calibration spring in the meter. This position, by means of a precision gear, is transmitted to the indicator hand which shows the yarn tension on the dial of the instrument. The reading is in cN. The maximum as well as the minimum tension should be read, the indicator hand following the periodic variations in the tension.



Order-Information:

Article-Nr.	Description	Range
1750/001/00/003	Typ 1750 TEN 3K	0,5 - 3 cN
1750/001/00/005	Typ 1750 TEN 5K	1 - 5 cN
1750/001/00/010	Typ 1750 TEN 10K	2 - 10 cN
1750/001/00/012	Typ 1750 TEN 12 K	2 - 12 cN
1750/001/00/020	Typ 1750 TEN 20 K	5 - 20 cN
1750/001/00/030	Typ 1750 TEN 30 K	5 - 30 cN
1750/001/00/050	Typ 1750 TEN 50 K	10 - 50 cN
1750/001/00/060	Typ 1750 TEN 60 K	10 - 60 cN
1750/001/00/070	Typ 1750 TEN 70 K	10 - 70 cN
1750/001/00/120	Typ 1750 TEN 120K	20 - 120 cN
1750/001/00/170	Typ 1750 TEN 170K	50 - 170 cN

Delivered in case; weight including case 260g

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