

SCHMIDT

control instruments

Operating Instructions

The ZIVY Yarn Tension Meter is designed for single hand use. The thread runs over two rollers, which, to reduce the friction, are mounted on miniature roller bearings. Holding the instrument with the right hand, the inner pulley is brought into contact with the yarn to be measured, keeping the yarn parallel to the lever on top of the instrument. The outer pulley is then pivoted to its stop by depressing the lever fully. 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 grams. The maximum as well as the minimum tension should be read, the indicator hand following the periodic variations of the tension.

Available Models

Model	Measuring Range
TEN-3K	0.5 - 3 g
TEN-5K	1 - 5 g
TEN-10K	2 - 10 g
TEN-12K	2 - 12 g
TEN-20K	5 - 20 g
TEN-30K	5 - 30 g

Model	Measuring Range
TEN-50K	10 - 50 g
TEN-60K	10 - 60 g
TEN-70K	10 - 70 g
TEN-120K	20 - 120 g
TEN-170K	50 - 170 g

Mailing address: P. O. B. 1154 • D -84464 Waldkraiburg Germany

Shipping address: Schichtstr. 16 • D -84478 Waldkraiburg Germany

Phone: int. + 49 / (0)8638 / 9410-0

Fax: int. + 49 / (0)8638 / 4825 • int. + 49 / (0)8638 / 67898

e-mail: info@hans-schmidt.com • **Internet:** <http://www.hans-schmidt.com>