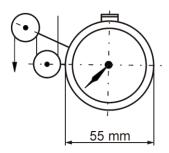
Hand Tensionmeter Zivy

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:

| | Y | |
|------------------------------|-------------------|-------------|
| Article-Nr. | Description | Range |
| 1750/001/00/003 | Тур 1750 ТЕМ ЗК | 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 | Тур 1750 ТЕМ 30 К | 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 | Тур 1750 ТЕМ 70 К | 10 - 70 cN |
| 1750/001/00/120 | Typ 1750 TEN 120K | 20 - 120 cN |
| 1750/001/00/170 | Тур 1750 ТЕМ 170К | 50 - 170 cN |
| Delivered in case; weight in | cluding case 260g | |

Rest position

(Yarn placement)

TEN_E.docx

Measuring position

(Lever depressed)

60

ELECTROMATIC Equip't Co., Inc., 600 Oakland Ave, Cedarhurst, New York 11516 - USA Tel: 800-645-4330 / 516-295-4300 Fax: 516-295-4399 Web: CheckLine.com Email: info@CheckLine.com