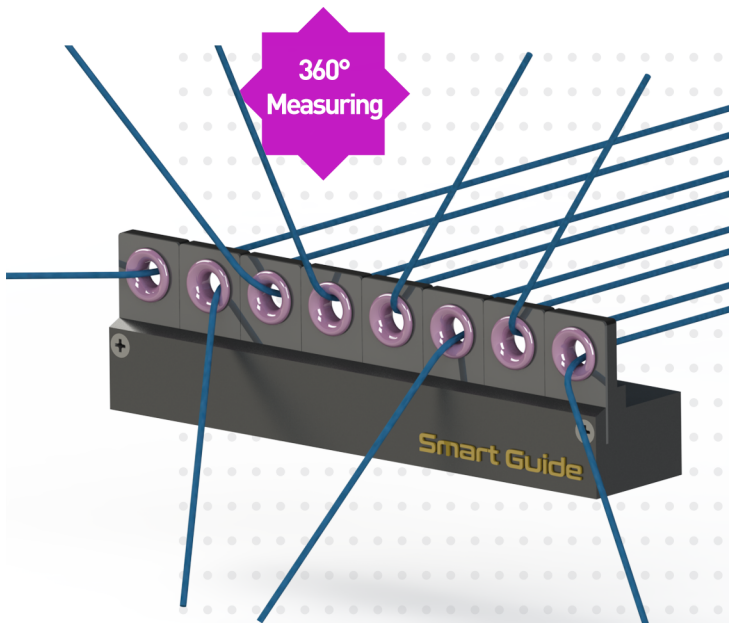


General Description

Smart Guide is a high-accuracy 360° wide range single yarn tension measuring system with ceramic eyelet. It may be installed on creels or everywhere the yarn is passing through for measuring the tension of the single yarn.

Tension Bar is a high-accuracy wide range multi yarn tension measuring system with high precision mechanical design.



Technology

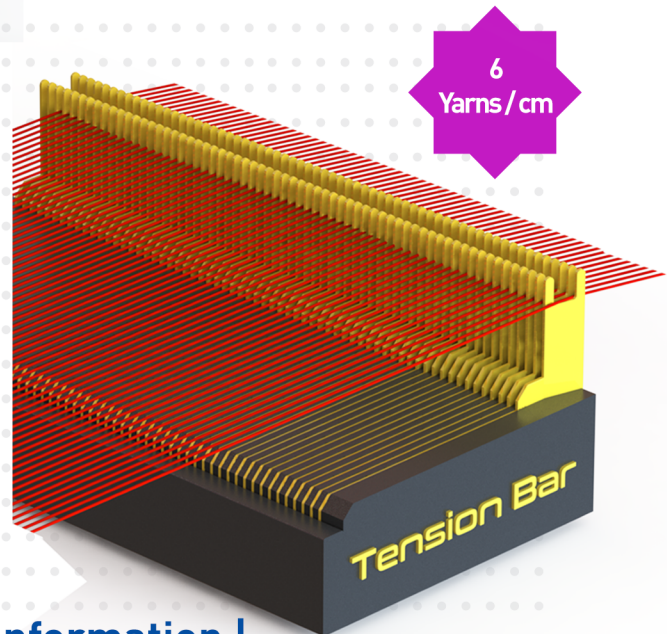
Smart Guide has eyelets for guiding the yarn and measures the absolute tension value of the single yarn. It gives the value of tension as digital or analog for analyzing and stop command to the spindle/position.

Smart Guide has 3 different models.
 Model A: 0-300 cN, accuracy: 6 cN
 Model B: 0-500 cN, accuracy: 10 cN
 Model C: 0-1.000 cN, accuracy: 20 cN

Technology

Tension Bar measures the tensions of individual yarns to be 6 yarns per cm and can be extended up to 6 meters for creels, beaming, wrapping or before-weaving processes.

Tension Bar has 3 different models.
 Model A: 0-300 cN, accuracy: 6 cN
 Model B: 0-500 cN, accuracy: 10 cN
 Model C: 0-1.000 cN, accuracy: 20 cN



| Technical Information |

Smart Guide

Measuring speed	Up to 10.000 samples per second
Measuring direction	360 degree
Measuring resolution	Up to 1 cN
Max. diameter or yarn	Up to 6 mm

Tension Bar

Measuring speed	Up to 1.000 sample for second
Measuring length	Up to 600 cm
Measuring resolution	Up to 1 cN
Max. diameter or yarn	Up to 0.4 mm

International Patent Pending!

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