

To determine the breaking load and extension of single yarns and threads up to 250 N, 25 kgf, 50 lbf or 100 N, 10 kgf, 20 lbf load range depending on choice of load cell (one or both may be ordered). Special-purpose version of 5ST single column universal tester provided with HT60 manual horn-type yarn grips. Speed 0.001 to 1000 mm / min. Maximum 755 mm travel (excluded grip). Extension resolution 0.001 mm HMC wireless Bluetooth handheld controller included.

Optional computer testing software is available for order separately.

SIZE

WEIGHT 46 kg / 101 lbs

DIMENSIONS 490 mm (w) x 450 mm (d) x 1140 (h) /
20 in (w) x 18 in (d) x 45 in (h)

ORDERING INFORMATION

Y263A 5ST Single End Yarn Strength Tester with HT60 Grips, excludes load cell

402445 100 N, 10 kgf, 20 lbf load cell (ST series)

402929 250 N, 25 kgf, 50 lbf load cell (ST series)

202803 Horizon Testing Software (computer not included)

STANDARDS:

ASTM D2256

BS 1932

ISO 2062

