

SKZ101-16 Single Yarn Strength Tester



Used for testing the breaking strength and elongation percentage of various cotton, wool, linen, silk, chemical fiber, core-spun single yarn, pure or blending natural or chemical fiber yarns.

Standards

ISO2062, ASTM D2256, BISFA-2004, BISFA-1997

GB/T14344: Testing method for tensile of man-made filament yarns

GB/T3916: Textiles--Yarns from packages--Determination of single-end breaking force and elongation at break

Technical parameters

Working pattern	ISO kinetic elongation (CRE) principle, Micro-computer control, LCD display, printing out
Testing range	1%~100% of the full range, 1000cN, 3000cN, 5000cN
Testing accuracy	$\leq 0.2\%F \cdot S$
Tensile speed	10~1000mm/min
Max. elongation	400 \pm 0.1mm
Clamps distance	100mm, 250mm, 500mm
Pre-tension	0~150cN tension scale
Power	AC 220V \pm 10% 50Hz 0.1kW
Dimension	370x530x930mm
Weight	60kg

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