

*count*TESTER (ECO Model)

INTRODUCTION

The method of determination of count depends to a large extent on the form in which the yarn is available for testing. The most economical equipment used for this is *count*TESTER (Eco model).

EQUIPMENT

PARAMOUNT *count*TESTER (Eco model) is an economical model to check the direct yarn count. This equipment consists of a lightweight beam pivoted on Jewel Bearings with a suspender hook at one end and a pointer at the other. The beam is initially leveled with the help of the Leveling Screw to bring the pointer against a Datum Point.

A (Calibrated Rider) is suspended in the slot provided on the beam. A template is used to size the lengths of the yarn. (The Length depending upon the count system required). These sort lengths required to balance the Beam gives the count of the yarn DIRECTLY.

A TEMPLATE is provided to give lengths of yarn in ‘METRIC’, ‘COTTON’, ‘LINEN’, ‘WOOLSKIEN’, and ‘WORSTED’ counts.

countTESTER (Eco model) is supplied complete with below accessories.

Main Unit	: 01 No.
Black Acrylic Sizing Template for the Yarn	: 01 No.
Calibrated Riders	: 02 Nos.
Pointing Needle to take out yarn	: 01 No.
Dust Cover	: 01 No.
This User's Manual	: 01 No..
Inspection & Conformance Certificate	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No

TECHNICAL DETAILS

Balancing	: Precision Jewel Bearing's
Sampling	: With Template
Leveling	: Leveling Screw
Template Specification according to material	: Cotton : 100mm
	: Metric : 56 mm
	: Wool Skin : 30 mm
	: Half Cotton: 50 mm
Overall Dimension of the Unit	: 610 (L) x 127 (W) x 216 (H) mm.
	: 24" (L) x 5" (W) x 8.5" (H) Inch.
Net Weight of the Unit	: 6.1 kg (13.42 lbs.)

RELATED STANDARDS

It adheres to ASTM D 2260-96, ASTM D 3776, and BS 2865, ISO 7211 standards



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