

TECHINCAL DETAILS

OF

Package Hardness Tester

1. INTRODUCTION

Paramount **Package Hardness Tester** is used to evaluate the hardness of yarn packages, cones, top rollers of Draw Frame, Roving Frame & Ring Frame etc. It is very useful in textile mills, College & Universities.

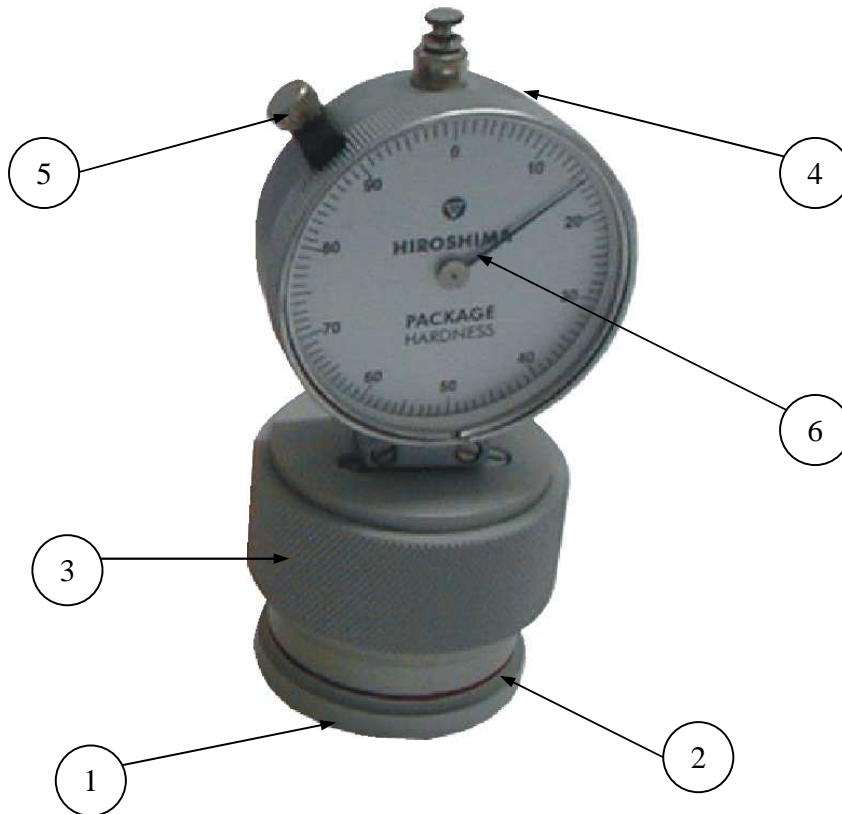
2. EQUIPMENT

Paramount **Package Hardness Tester** is completely made of special grade aluminum casting for lightweight & resilience. The Equipment is fitted with a specially designed calibrated analog dial to show the hardness of material being tested in degree shore. The capacity of the equipment is 0 to 100° shore. A special knurled spring-loaded outer pressure ring is provided to give even pressure on the specimen during checking.

3. SALIENT FEATURES

- Specially designed equipment to determine the hardness of any cylindrical material in Degree Shore. (Like yarn packages)
- Very useful for spinning mills to measure the hardness of rollers used in Ring Frame, Draw Frame, Roving Frame etc.
- Latest design with modern stylish look.
- Handy, easy to operate.
- Special knurled spring-loaded outer pressure ring is provided accurate result.
- Duly packed in a wooden case for safety.
- With calibrated precision dial for direct reading of hardness in Degree Shore.
- Smooth precision-engineered components for exceptional performance.
- Supplied with inspection & calibration certificates

4. DETAILS OF THE MAIN UNIT OF Package Hardness Tester



1. Anvil
2. Target Line.
3. Pressure Ring.
4. Dial Gauge (Indicator).
5. Dial Adjuster.
6. Pointer.

5. DETAILS OF THE ACCESSORIES SUPPLIED WITH Package Hardness Tester



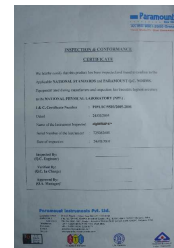
Wooden Box



Package Hardness Tester



This User's Manual



Calibration & Inspection Certificate

Package Hardness Tester is Supplied Complete with below Accessories:

Main Unit	: 01 No.
Wooden Box	: 01 No.
Detailed User's Manual	: 02 Nos.
Calibration certificate (Traceable to NPL)	: 01 No.
Inspection & Conformance Certificates	: 01 No.

6. TECHNICAL DETAILS OF Package Hardness Tester

Cutting Width	: 300 mm
Scale diameter	: 56mm
Pressing force by means of the spring loaded outer ring	: 12.5N
Measuring spring force	: 0.55-0.065 N
Range of reading	: 0-100 Shore A
Working radius	: 55mm
Working face	: 45mm
Indentation body (ball diameter)	: 5mm
Dimension	: 47.5(L)x,55(W)x,117.5(H)mm 1.9(L) x, 2.1(W) x, 4.6(H) inch
Weight	: 415gms (0.913lbs)

NOTE : With our constant endeavour to improve & excel, we reserve the right to alter the specification or modify the appearance without notice.

