



Smith Roll Tightness Tester

Model 40-54

Smith Roll Tightness Tester

Measure the tightness of rolled newsprint, bond, kraft, coated and bond papers with our highly accurate portable Smith needle tightness tester.

The Smith Roll Tightness Tester determines roll winding uniformity to eliminate roll bursting and press breakdown from poorly wound rolls.

Paper rolls not wound with uniform tension can cause a variety of problems. Large diameter rolls that are extremely tight on the outside tend to burst during handling and shipping. Uneven roll tightness often results in starring – the warping of the winding core.

On high-speed web presses, the warped core causes uneven feed and paper jerking and can cause the breakdown of the press.

Features & Benefits:

- Tightness testing of everything from newsprint to kraft and bond papers
- A portable tightness tester
- Easy to use roll winding inspection
- Highly accurate smith needle

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Technical Specification:

Applications	Newsprint, Coated Paper, Bond, Kraft
Materials	Film, Foil, Paper
Weight	1.4 kg / 3 lb
Dimensions	(W) 152 mm x (H) 178 mm x (D) 89 mm

Ordering Information:

Article Number	Article Description
40-54-01	Model A Medium Roll Hardness (newsprint, catalog stock)
40-54-02	Model S High Roll Hardness (coated, bond, kraft, tag, less porous stock)

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