

A Portable Clamp Force Tester for your Paper Roll Clamps



APPLICATIONS

Excessive clamp force is one of the leading causes of paper roll damage. Use Cascade's Clamp Force Tester to easily determine on site how much force the roll clamp applies to a roll. This will allow precise adjustment of the target clamp force on site.

FEATURES

- The clamp force is displayed in kN or lbf on the LCD screen of the digital clamp force display.
- Contoured design minimizes weight of rugged aluminum load cell housing.
- Strap designed to fit all sizes and shapes of contact pads.
- Air tight carrying case with roller wheels, suitable for Airline check in.
- Tests a wide range of paper rolls diameters
200 mm-1830 mm (8-72 inches).
- Measures from 0 kN - 98 kN (0 lbf to 22,000 lbf).
- Includes a rechargeable battery.

HOW IT WORKS

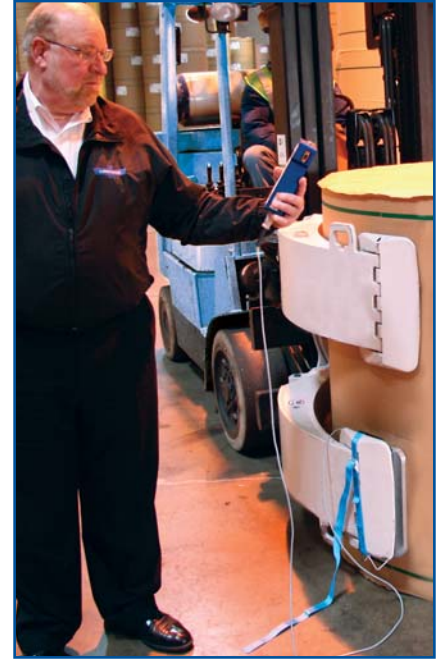
- Place the Clamp Force Tester between the paper roll and the contact pad of the roll clamp.
- Connect the digital clamp force display to the Clamp Force Tester.
- Clamp the roll and the Clamp Force Tester with the same force you would use to pick up the roll. The clamp force will appear in kN and lbf on the LCD display of the digital clamp force reader.
- Adjust clamp force accordingly to ensure that the roll will not be over- or underclamped.
- Once the correct clamp force is determined, Cascade recommends using one of the automatic or manual clamp force control systems such as the AFC, HFC, Electronic Pressure Regulator or the 3-Position Pressure Regulator to set optimum clamp force.



Connecting the Digital Clamp Force Display to the Clamp Force Tester.



Placing the Clamp Force Tester between the paper roll and the contact pad.



With Clamp Force Tester placed between load and the contact pad, technician is able to review and adjust clamp force easily.