

136-2-AMG

Hand-Held Web Tension Sensor With Adjustable Measuring Geometry

- Allows the user to develop a "tension profile" which greatly assists in the evaluation of web uniformity
- Helical grooves in rollers stabilize the sensor even at high web speeds
- Water-resistant design
- High-precision ball-bearing mounted rollers
- Sensor will not resonate, even when used on webs running at high speeds
- High overload capacity

The new CHECK-LINE model 136-2-AMG hand-held web tension sensor measures tension on paper and similar materials of any width. Tension can be measured on any section of the web for comparative and relative purposes, such as side-to-side, center-to-side or any area across the web width.

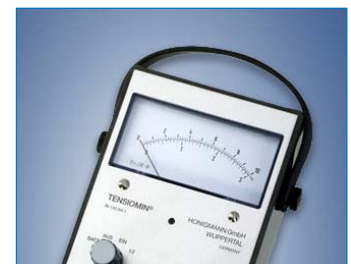
This is the only tension meter available for hand-held portable use for measurement on paper webs. The sensor is typically supplied with the battery powered D-485 Digital Indicator which will show empirical values from 0-100 with a resolution of 1 unit, and provides auto-zero, peak-hold and averaging function.

**136-2-CC
(Required)
\$325.00**

Foam-fitted, aluminum carrying case with locking latches.



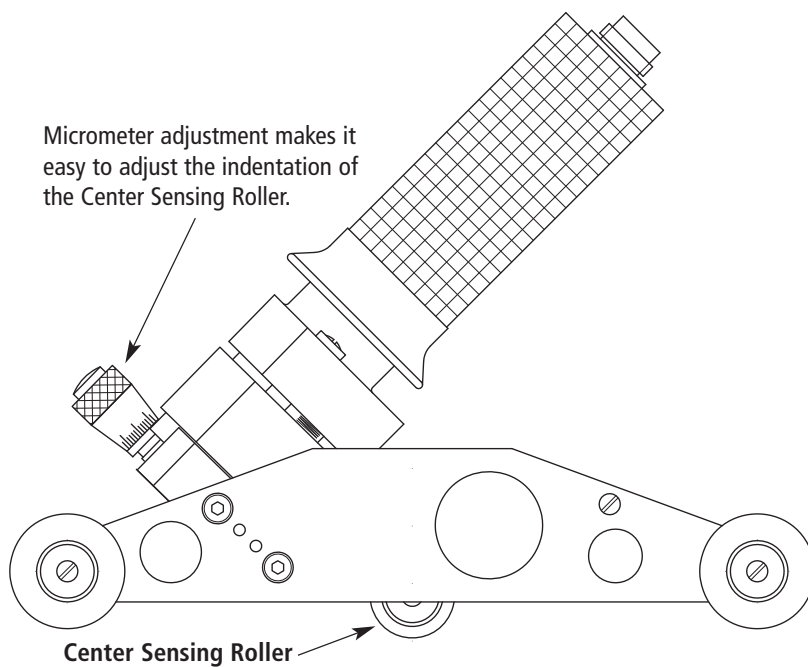
D-485 Digital Tension Indicator with Built-In Amplifier – \$995.00



TM-383 Tension Indicator with Analog Outputs – \$895.00

Technical Data

The 136-2-AMG is the only tension meter available for hand-held, portable use to measure on paper webs



Adjustable Measuring Geometry is a critical feature needed to configure the 3 Roller tension meter for optimum measuring results on a variety of paper applications. A micrometer moves the center sensing roller up or down, adjusting the amount of resultant force. If the sensor roller is extended too far into the paper web it will disturb the web create force vectors that will cause inaccuracies in the tension reading.



Micrometer



Ball bearing mounted reference rollers



The D-485 Digital Tension Indicator can be mounted to the 136-2-AMG to permit convenient one-hand operation.

Units = 0–100 (empirical scale only)