

C5000 Consistency Sensor

Product Summary

The C5000 Consistency Sensor is the workhorse of the TECO Stockrite™ family of consistency instruments.

The main feature of the C5000 sensor is the retractable design with isolation valve, enabling the papermaker the ability to clean, repair, or replace without a costly production outage.

Its simple, rugged, reliable probe design allows the C5000 to be applicable over a wide range of consistency levels. With no moving parts, and an angled leading edge, the C5000 sheds foreign objects easily and is very easy to maintain, making it an excellent choice for a stable, repeatable consistency measurement in hard to measure applications such as recycle furnishes.

The sensor is also designed as a remotely mounted unit to be used in combination with TECO's TMC6000 Micro-processor Transmitter, making C5000 sensor an excellent choice for high vibration, high temperature, or inaccessible applications.



Features & Benefits

- Retractable Design with Isolation Valve - easy to clean, repair, or replace without a costly outage.
- Stable Calibration and Excellent Repeatability
- Simple / Reliable Probe Design - no moving parts or maintenance issues.
- Remote Mounted Transmitter - good for high vibration, high temperature, or inaccessible applications.
- Angled Leading Edge Design - easily sheds any foreign objects, excellent for recycle furnish applications.
- Low Flow Threshold - ability to be on-control immediately at low velocity rates.
- Wide Consistency Range - applicable for a variety of consistency levels.
- Titanium Sensor - for maximum longevity.

Specifications

Materials	Titanium sensor body; other materials 316SS or Titanium.
Temperature	250 ^o maximum operating.
Cable Length	20 ft. supplied—up to 250 ft. maximum using TECO supplied extension cable.
Range	2.5% - 18% <i>(these are nominal limits; actual limits depend on the nature of the furnish).</i>
Velocity	0.1 - 6.0 ft./sec. <i>(active velocity compensation available)</i>
Mounting Requirements	All necessary parts are included.

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