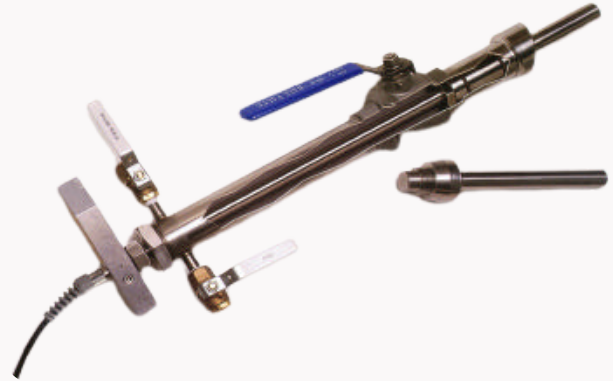


TECO

C5000

Retractable Consistency Sensor



Product Summary

The C5000 Consistency Sensor is the workhorse of TECO's Stockrite™ family of consistency sensors.

Its signature feature is a retractable design with isolation valve, allowing papermakers to clean, repair, or replace the sensor without a costly production outage.

The simple, rugged, and reliable probe design lets the C5000 operate across a wide range of consistency levels. With no moving parts and an angled leading edge, it sheds foreign objects easily and requires minimal maintenance, making it an excellent choice for stable, repeatable consistency measurement in hard-to-measure applications such as recycle furnishes.

The sensor can also be remotely mounted and paired with TECO's TMC6000 Transmitter, making the C5000 well suited for high-vibration, high-temperature, or inaccessible installations.

Features & Benefits

Retractable Design with Isolation Valve - easy to clean and maintain without process shutdown

Stable Calibration and Excellent Repeatability - precise control of critical variables

Simple/Reliable Probe Design - no moving parts or maintenance issues.

Remote Mount 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 Control - able to measure at low velocity rates

Wide Consistency Range - applicable for a variety of consistency levels

Titanium Sensor - for maximum longevity

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Specifications

Materials	316 SS or Titanium Probe
Temperature	250°F max operating
Cable Length	20-foot standard; up to 250 feet available using TECO supplied extension cable
Range	2.5% - 18% nominal; actual limits depend on the nature of the furnish, consult TECO for actual limits
Velocity	0.1 - 6.0ft/s recommended; active velocity compensation available



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