



TMC-6000

Consistency Transmitter



Product Summary

The TMC-6000 Consistency Transmitter is the backbone of TECO's Stockrite™ family of consistency instrumentation, serving as the common electronics platform for all of TECO's consistency probes.

As a remote-mounted unit, the TMC-6000 is well suited for high-vibration, high-temperature, or inaccessible installations.

Its digital electronics offer a set of predefined calibrations for fast setup, and can retain up to ten different calibration parameters to accommodate varying grades or stock furnish mixes.

The TMC-6000 also features active velocity compensation, which significantly extends application range and maintains accuracy as production rate changes — unlike standard mechanical devices.

Features & Benefits

Excellent Repeatability

Quick Start - predefined calibration procedure for ease of set-up and calibration

Active Velocity Compensation - increased application range as production changes

Embedded Control Option - optimal dilution feed forward control

Multiple Calibrations - ability to hold up to ten different calibration settings

NEMA 4X Enclosure - remotely mounted enclosure keeps the electronics safe from vibration, heat, and moisture in the field

Digital Communications - easily integrates into any DCS platform



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Specifications

Display	Variable contrast graphical LCD
Analog Input(s)	(1) - 4-20 mA - flow (3) - 4-20 mA - optional
Analog Output(s)	(1) - 4-20 mA - compensated consistency (1) - 4-20 mA - optional
Communications	(1) full duplex - choice of protocol: RS 232 / IEEE 422 / IEEE 485
Power	115 / 220 VAC, 60 Hz
Temperature Limits	32°F - 140°F operating
Enclosure	NEMA 4X
Options	Dilution PID controller output Multiple inputs for process influence compensation Custom configuration ability



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