

TMC-6000

Microprocessor Consistency Transmitter

Product Summary

The TMC-6000 Microprocessor Consistency Transmitter is designed as the backbone for the TECO Stockrite™ family of consistency instrumentation; to be used as the common electronics support platform for all of TECO's family of consistency probes.

The TMC-6000 is a remote mounted unit, making it an excellent choice for high vibration, high temperature, or inaccessible applications.

Its microprocessor based electronics allow the user to have a set of predefined calibrations for easy set-up and calibration. Users can also retain up to (10) ten different calibration parameters to accommodate different grades or stock furnish mixes.

The TMC-6000 also allows for "active velocity compensation" which significantly increases overall application range and maintains accuracy as your production rate changes, unlike standard mechanical devices.



Features & Benefits

- Excellent Repeatability - microprocessor based electronics.
- "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 (10) ten different calibration settings for different grades / furnishes.
- NEMA 4X Enclosure - remotely mounted enclosure keeps the electronics safe from vibration, heat, moisture in the field.
- Digital Communications - easily integrates into any DCS platform.

Specifications

Display	Variable contrast graphical LCD
Electronics	Microprocessor based
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 ⁰ - 140 ⁰ F operating
Enclosure	NEMA 4X
OPTIONS:	Dilution PID controller output Multiple inputs for process influence compensation Custom configuration ability

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