



TECO Technical Solution #3

“Quick Start” Feature Allows for Fast, Easy Consistency Sensor Start-up

Problem / Issue: Extended Testing Times for Lab Consistency Analysis Make Consistency Sensor Start-ups a Long and Tedious Process.

TECO Solution: TMC-6000 Microprocessor Consistency Transmitter.

Overview: A common issue for starting up consistency sensors is waiting for lab analysis to confirm the calibration curves for the sensor. A typical consistency analysis can take over 24 hours to complete (overnight drying).

This makes the start-up and confirmation of a new sensor a long and tedious process, running the sensor on a “best guess” calibration curve, compromising its performance and accuracy levels.

How the TECO Solution Solves The Problem...

The TECO TMC-6000 Microprocessor Consistency Transmitter is designed to incorporate TECO's vast experience into one simple & easy to use start-up procedure.

The “Quick Start” feature allows the user to easily and accurately calibrate to any stock or furnish regardless of which TECO consistency probe has been chosen.

The microprocessor contains 13 pre-set stock recipes, all with accurate strain factors for each application. Calibrating the unit is as easy as matching the correct consistency sensor with the necessary application. No more waiting for lab samples and the tedious analysis.

The procedure is as easy as....

1. Enter AutoSetup to select probe / blade style.
2. Enter Span and Zero Labels.
3. Select one of 13 different stock / furnish recipes.

Benefits

Fast & Accurate Start-ups – eliminates the long & tedious lab analysis

On Control Results Immediately – accurate start-up allows for immediate control results

Improved Process Performance – Control results from accurate measurement

Ease of Maintenance – simple and easy to maintain & start-up

Who is it Important to ?

Process Control Engineer
Maintenance Manager
Instrument Engineer