

# 5297 Universal Filler Controller

## *Integrated Packaging Machinery Controls At Weigh Meter Pricing*

The 5297 is a dedicated filler controller, not just a weigh meter with a pretty face!

Feature-packed programming makes configuration and operation of any packaging machinery easy. Auto-weight tracking and correction tracks changes in flow and bulk density, producing On-Target fills virtually every time.

Unlike other devices around, the 5297 includes everything you need to operate your filling system. No additional relay racks, PLC's, or external wiring are required. I/O for all types of machinery are included right in the box.

Along with the 5297, you receive free technical phone support and assistance from our highly qualified staff, with more than 20 years of packaging machinery experience.



### *Programs included in the 5297:*

Air Packers    Impeller Packers    Auger Packers  
Net Weigh Scales    Bulk Bag Fillers  
Bulk Box Fillers    Bag-In-Box Fillers    Drum Fillers

Thompson Scale Also Offers:

4693 Filler Controller

Full Range of In-Motion Checkweighers

1, 2, & 3" Universal Remote Digital Displays

Statpak-PC Data Logging & Production  
and Analysis Reporting Package



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## 5297 Specifications:

- UL, ULc (Canadian), and CE Approved
- 32 bit microprocessor controlled
- Embedded programming held in non-volatile EPROM, can't be erased.
- Calibration constants & product data stored in non-volatile EEPROM
- Scale accuracy +/-0.1% full load scale
- Fill data, auto-tracking, and flow rate calculations held in battery backed RAM
- Modular card rack design makes troubleshooting and maintenance a snap
- 110 ~ 220 VAC, 3 Amp switching power supply with line filtering and fuses with indicators for all secondary voltages
- Eight 110 VAC optically isolated inputs for switches and sensors
- Eight 110 VAC solid state outputs  
Additional 16 inputs and 16 outputs available
- High load cell sample rate. Settable filters to eliminate vibration and other distortions
- Fully digital calibration. No pots to adjust!
- lb, kg, gram, and ounce conversions
- 0, 1, 2, or 3 Decimal places
- Scale card can drive four (4) 350 Ohm load cells
- NEMA 4X (IP66) Fiberglass Enclosure with SS hardware, optional SS enclosures available

*Contact Thompson Scale Company, your local dealer, or preferred packaging machinery supplier for more information about the 5297 Universal Filler Controller.*

## 5297 Features:

- 1" high bold weight display
- Final Net weight held on display until next fill begins
- Displays status and error messages in clear and understandable English
- Automatically gauges product flow rates, tracking changes to achieve accurate fill even with variations in flow or bulk density
- Selectable Manual Set Points with Pre-act, and quick access to Pre-act adjustment during filling
- Selectable Auto-Track feature for use with Manual Set Points
- Selectable Automatic or Manual TARE function
- Pre-defined fill sequences and I/O for virtually every type of filling system
- Includes interface signals for placers and conveyor controls
- Includes Auger reverse timers for auger valve packers & all associated timers for other filler types
- Front panel keyboard or remote Start & Stop functions
- 20mA Current loop serial port transmits each unit weight or G/N/T and Count for Bulk Fillers
- Optional RS-232 and RS-422 Serial Ports available

