



ELECTRONIC WEIGH CONTROLLER

MODEL T-4000

Magnum Systems' basic weigh controller provides excellent packaging accuracy and is operator-friendly. Program changes for different bag weights or machine functions are intuitive and simple from the basic keypad. The large LCD screen is easy to read and provides the weight readout, plus prompts and messages regarding the operation of the controller. Durable, practical, and understandable—the perfect combination for basic packaging machines and check scales.

FUNCTIONAL, VERSATILE, AND EASY TO USE

- Easy to operate—simple menus via keypad with intuitive prompts
- Easy to read—backlit LCD display provides clear readout of bag weight
- Easy to calibrate—simple routine from keypad
- Versatile—for our packaging machines, check scales, and bulk-weigh systems
- Accurate—perfect combination of features for dynamic weighing
- Durable—NEMA 4 rating for dusty or incidental water contact applications
- Practical—just the necessary functions, no complex programming
- Adaptable—net and gross weigh modes, small and large weighments
- Economical—low cost, packed with high-value features
- Upgradeable—available retrofits for older packaging systems
- Eliminates mechanical problems in balance-beam systems
- Eliminates electrical problems with potentiometers and toggle switches in analog weigh controllers



One Partner For All Your Material Handling Needs.

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SPECIFICATIONS

Display	Backlit LCD display with 64x128" resolution, weight display numbers are 1/2" tall bold characters, data lines are 3/16" tall
Keypad	Pressure-sensitive, membrane-touch button keys
Update Rate	Scanning rate at 110 times per second
Approvals	CE, UL/CUL, Class I Div 2 when mounted in appropriate enclosure
Operating Temperature	-10°C to +40°C (+14°F to +104°F)
Power Requirements	AC: 110-240VAC, 47-63Hz or DC: 24VDC, 10 watts max (application specific)
Capacity	5 VDC power drives up to eight 350-ohm load cells
Calibration	Traditional calibration with test weights in most applications
Stable Readings	WAVERSAVER® technology
Units of Measure	Pounds, pounds/ounces, ounces, grams, kilograms, tons
Mode	Single-set point with optional dual or triple-set point configuration, optional auto tare, optional analog outputs for VFD or driver controls
Dimensions	Front panel: 4 in H x 7 in W x 0.725 in D, (101.6 mm H x 177.8 mm W x 18.4 mm D) Housing: 2.98 in H x 5.65 in W x 3 in D, (75.7 mm H x 143.5 mm W x 76.2 mm D)
Calibration	Techniques from keypad, traditional calibration with test weights Optional C2® second generation calibration in specific applications
Troubleshooting	Limited troubleshooting from keypad with "IT" integrated technician capability



Additional features such as auto correction of bag weights, auto tare, multiple product codes that allow the parameters relating to up to 25 different products, data transfer, print capability, web browser access, and communication via Ethernet or Ethernet IP are available by upgrading to T-3000 premium weigh controller.



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