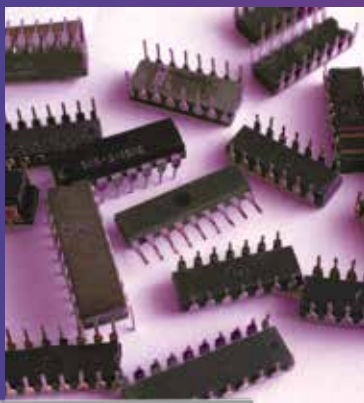


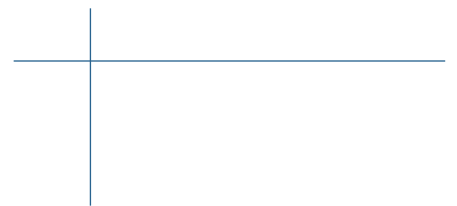


A member of the
Avery Weigh-Tronix Group

Counting Scales



Model 375
Model 675



Parts Counting and Inventory Management Systems

Counting accuracy is important whether your application is document distribution, shipping and receiving, job picking or factory-wide inventory management. Inaccurate counts cost you reputation if you deliver short to a customer and profits are lost if you deliver too many.

GSE precision parts counting systems are designed to provide years of reliable performance in a variety of environments and applications. Intuitive, easy-to-use counting and weighing routines range from one keystroke operation to cycle counting with data acquisition for a complete inventory management solution from small electronic components to expensive machined parts.



Model 375

Model 375 Precision Counting Scales

FEATURES

- Bright, LED display is easy to read in any light situation.
- One keystroke toggles between counting and weighing modes.
- Carrying handles facilitate mobility for counting or weighing in different areas.
- Communicate with printers, computers, and other peripheral devices using fixed format tickets and labels.
- Create custom labels with the Custom Transmit Table™ to contain bar code data with APV and TARE weights.
- Counting accuracy is ensured with one million counts (1/1,000,000d) of internal resolution.
- Integrates with UPS Worldship® to streamline shipping, receiving, importing, and exporting.
- Model 375 provides the added benefit of numeric keys for manual entry of TARE weight or APV.
- Refer to Specifications for a list of available options on each model.

14:25 Nov 14, 2005
358 Count
0.015726 lb APS
5.73 lb Gross
0.10 lb Tare
5.63 lb Net

ID 123
376 Count
0.015726 lb APS
02:49 pm Nov 14, 2005



Model 675 Precision Counting Scale Integrates with your Network

Using versatile communication protocols, the Model 675 Precision Counting Scale communicates via point-to-point or standard fieldbus networks in a variety of formats to exchange plant floor data; minimizing maintenance costs and integration time.

Via Ethernet, RS232, RS485, and 20mA current loop, Custom Transmit Tables™ and Input Interpreter Tables™ provide flexible system integration and weighing instrument communication.

The Ethernet Module supports DHCP Server, fixed IP address, Telnet Server or client, Modbus TCP/IP slave, and FTP client. A dynamic on board web server makes network configuration fast and simple, and provides instant remote access to scale weight and process data.

The DeviceNet™ and Profibus® Modules provide flexible I/O assemblies enabling access to all weight data and user defined process data. An on board auto configuration utility expedites setup by matching both EDS and GSD files.

The Model 675 provides more features making it a powerful tool in demanding counting applications or sophisticated, factory-wide inventory management systems.

- APW Enhance Mode improves accuracy. Eliminates the need to count large samples for an accurate average piece weight.
- Alphanumeric keypad allows manual entry of product numbers and descriptions.
- Standard 250 item memory can be reconfigured with up to 98 columns of associated product information.
- Database Modules can expand memory storage capabilities to include thousands of products.
- Advanced communication protocols allow the Model 675 to integrate into most factory networks.
- Accuracy settings (90% to 99.96%) are available to ensure acceptable tolerances.
- LCD Graphic Display provides detailed operator prompts.



Model 675

Specifications: Counting Scales

	Model 375	Model 675
PERFORMANCE		
Capacities (lb)	6 lb, 15 lb, (375 only) 30 lb, 60 lb, 100 lb	6 lb, 15 lb, 30 lb, 60 lb, 100 lb
Internal Resolution	1,000,000d	1,000,000d
A/D Filtering	GSE FIR (Finite Impulse Response)	GSE FIR (Finite Impulse Response)
Non-Linearity	0.017 % max, 350 Ω load cell dependent	0.017 % max, 350 Ω load cell dependent
Overload Protection	5 Point Overload Protection	5 Point Overload Protection
COMMUNICATION		
Ports 1–4	1 Bi-directional RS232 port	2 Bi-directional RS232 Full Duplex, SW & HW Handshake ports, Optional expansion to 4 ports, Optional Ethernet
Protocols	ASCII Standard	Modbus RTU and ASCII Standard
Baud Rate	150–115K bps (port 1)	150–115K bps (port 1) 150–38.4 bps (port 2, 3, 4)
ELECTRICAL		
Power Requirements	120 VAC 60 Hz Wall transformer Incl. or 12 to 36 VDC	90–250 VAC, 10–32 VDC
Excitation Voltage	10 VDC, Short circuit protected	10 VDC, Short circuit protected
Excitation Power	(1) 350 Ω load cell	(14) 350 Ω load cells
Excitation Current	200 mA, Short Circuit protected	400 mA, Short Circuit protected
Input Signal Connect	6 Conductors with Sense Leads	4 or 6 Conductors with Sense Leads
Fuse	2A	0.8 A slow-blow (when using AC power)
Battery (options)	30 Hour NiMH Battery. Tray for 8 D-Cells - 60 hours (batteries not included).	40 or 13 Hour NiMH Battery w/quick charge circuit. Tray for 8 D-Cells - 80 hours (batteries not included).
PHYSICAL		
Housing Material	Powder Coat Cast Aluminum	Powder Coat Cast Aluminum
Count/Weigh Surface	12" x 12" Stainless Steel (6 lb, 8" x 10")	12" x 12" Stainless Steel (6 lb, 8" x 10")
Display	0.8" LED Display	16 line x 40 character EDT LCD Graphic with White LED Backlight
Keypad	18 Key (375) International, Tactile membrane	27 Key, Polymeric membrane plate
Dimensions	14.38"W (at handles) x 17.30"L x 5.63" H	14.38"W (at handles) x 17.30"L x 5.63" H
Number of Scales	1 Local	1 Local + 1 Remote Input Standard, Optional Total 4 with Multi-Scale option
Time Date Clock	Non-Volatile Battery Backed	Non-Volatile Battery Backed
Database Memory	Not Available	FRAM Standard Database Memory Up to 56K
OPTIONS		
Multi Scale Module	N/A	2 additional scale inputs (installed internally)
Database Module	N/A	256K, 1 MB or 2 MB
Computer Keyboard Module w/ Comm Port 3 & 4	N/A	Keyboard connection (uses port 4)
RS485 Module	Half/Full Duplex up to 4000 ft, 115K bps max (uses port 1)	Half/Full Duplex up to 4000 ft, 115K bps max (uses port 1)
20 mA Current Loop	Isolated TX-Active/Passive, RX-Passive, 9600 bps max, 12 VDC, 1000 ft (uses port 1)	Isolated TX-Active/Passive, RX-Passive, 9600 bps max, 12 VDC, 1000 ft (uses port 1)
Ethernet Module	N/A	Supports DHCP Server, fixed IP address, Telnet Server/Client, Modbus TCP/IP slave, and FTP client (disables port 3)
GSE ReFlash	Download new firmware via RS232 port	Download new firmware via RS232 port
Analog Output Module	16 bit, 0–10 VDC, 0–20 mA, or 4–20 mA	16 bit, 0–10 VDC, 0–20 mA, or 4–20 mA
Setpoint Option Module	Available	Available
I/O Relays	1A AC, 2A DC, Optically isolated	1A AC, 2A DC, Optically isolated
Bar Code Scanner		

Avery Weigh-Tronix

www.averyweigh-tronix.com

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