

Parts Counting and Inventory Management Systems

We've built our reputation by providing high performance parts counting products. 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.

Accuracy is important whether your counting application is document distribution, shipping and receiving, job picking or factory-wide inventory management. Inaccurate counts can be costly for customers in a shortage situation or costly for you in an overage situation.

GSE precision parts counters provide a variety of features for improving counting accuracy and efficiency.



**Model 370
Parts Counting Scale**

Model 370 Parts Counting Scale

Designed as an entry-level to mid-level unit, weighing and counting parts has never been easier with the Model 370 Parts Counting Scale. Basic one key operation allows for quick and efficient counting and improved productivity in applications where APW (average piece weights) are established frequently.

Features

- **Simple one button operation** immediately improves counting efficiencies and virtually eliminates the need for operator training. Basic counting instructions printed on front panel enable even a novice to quickly count parts.
- **Bright, LED display** is easy to read in any light situation.
- **One keystroke** toggling between parts counting mode and weighing mode.
- **Convenient carrying handles** facilitate mobility for counting or weighing in different areas within a facility.
- **Communicate** with printers, computers, and other peripheral devices using fixed format tickets and labels, or create custom labels with the Custom Transmit Table™. Labels can be created to contain bar code data with APW and TARE (container) weights.
- **Counting accuracy** is ensured with one million counts (1/1,000,000d) of internal resolution for counting, and weighing data, and APW calculations.
- **Wide range of capacities** allows you to select the right scale for the right application.
- **Further increase counting efficiencies** and expedite counting by connecting a bar code scanner for scanning APW and TARE weight information.
- **Easily integrates** with UPS Worldship® for streamlining shipping, receiving, importing, and exporting processes.

```
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 375 Parts Counting Scale

The Model 375 has the same versatile features as the Model 370 plus numeric keys for manual entry of TARE weight or APW.

See 'Specifications' table for options.



**Model 375
Parts Counting Scale**

Model 370 / 375**PERFORMANCE**

Capacities (lb)	6 lb, 15 lb, 30 lb, 60 lb, 100 lb
Internal Resolution	1,000,000d
A/D Filtering	GSE FIR (Finite Impulse Response)
Non-Linearity	0.017 % max, 350 ohm load cell dependent
Overload Protection	5 Point Overload Protection
Warranty	2 Year Limited

COMMUNICATION

Ports 1–4	1 Bi-directional RS232 port
Protocols	ASCII Standard
Baud Rate	150–115K bps (port 1)

ELECTRICAL

Power Requirements	120 VAC 60 Hz Wall transformer Incl. or 12 to 36 VDC
Excitation Voltage	10 VDC, Short circuit protected
Excitation Power	(1) 350 ohm load cell
Excitation Current	200 mA, Short Circuit protected
Input Signal Connect	6 Conductors with Sense Leads
Fuse	2A
Battery (options)	30 Hour NiMH Battery. Tray for 8 D-Cells - 60 hours (batteries not included).

PHYSICAL

Housing Material	Powder Coat Cast Aluminum
Count/Weigh Surface	12" x 12" Stainless Steel (6 lb, 8" x 10")
Display	0.8" LED Display
Keypad	6 Key (370), 18 Key (375) International, Tactile membrane
Dimensions	14.38" W (at handles) x 17.30" L x 5.63" H
Number of Scales	1 Local
Time Date Clock	Non-Volatile Battery Backed
FRAM Standard Database Memory	Not Available

OPTIONS

Multi Scale Module	N/A
Database Module	N/A
Computer Keyboard Module w/ Comm Port 3 & 4	N/A
RS485 Module	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)
Ethernet Module	N/A
GSE ReFlash	Download new firmware via RS232 port
Analog Output Module	16 bit, 0–10 VDC, 0–20 mA, or 4–20 mA
Setpoint Option Module	Available
I/O Relays	1A AC, 2A DC, Optically isolated