

Liquid filling equipment featuring precise net weight control and fully automatic operation without waste.

Since 1970, Data Scale has specialized in providing **end-to-end liquid packaging solutions** that precisely fill everything from chewing gum to acids and from mortar to explosive liquids.

Whether your need is for a food-grade system, a clean room operation or a system to handle hazardous materials, we have the **single source solution**.

With over **30 models of liquid filling and material handling equipment**, and hundreds of options, Data Scale has a proven solution for virtually every liquid filling requirement.



Model Range	JUG FILLERS	PAIL FILLERS	PAIL FILLERS
Type	Semi Automatic & Automatic	Semi Automatic	Automatic with Material Handling
# Heads	2 or 4 Head	1 Head	2 or 4 Head
Container Size	1 Quart to 2.5 Gallon	1 Gallon to 7 Gallon	1 Gallon to 7 Gallon
Accuracy	±2 Grams	±0.1 Lb.	±0.01 Lb.
Throughput	10 to 20 CPM	2 to 6 CPM	8 to 18 CPM

DRUM FILLERS
Semi Automatic & Automatic
1 or 4 Head
15, 30, 55 Gallon
±0.5 Lb.
30 to 60 CPH

One or four lance automatic sequential or manually positioned sub-surface foaming or top-surface liquid filling system for 15, 30 or 55 Gallon drums.

Controls feature Data Scale's electronic/pneumatic control console and automatic filling program with dribble/fast/dribble, auto tare, operator prompting/fill status, serial I/O, no fill/fail-safe for no container, lance misalignment, and lance down interlock. Also operator control on fill; jog, pause, about, flush, and emergency stop.

Mechanism features a one piece frame and fill head lift mechanism. Fail-safe for lance down and misalignment. Includes; 316 stainless steel sub-surface lances and manifold assembly with Teflon seat ball valves, air to air actuators, spring close fail-safe, adjustable rate dribble, and 2" product inlet. Lower assembly and automatic drip catcher. Pneumatic filter regulator and plastic splash covers.

Scale sizes: 48" by 48" 5,000 lb. Capacity and 100% overload. Calibrated to 5,000 lb. by 0.5 lb; 24" by 30" 1,000 lb. Capacity and 100% overload. Calibrated to 1,000 lb. by 0.1 lb. Gravity Roller Conveyor and scale stand, 24" x 30" x 13" height. Meets NTEP class III requirement.

Options (Please Contact Data Scale to discuss machine specific options)

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|------------------------------|-----------------------------|---------------------|
| Wetted Parts Options | Overflow Fail-Safe | Drip Suckback |
| Steam Jacketed Manifold | Container Sensor | Stand for Console |
| Stainless Steel Fill Head | Spill Containment Pan | Pump Control |
| Clean Room Special Fill Head | Container Grounding, Manual | Tote Filling Option |
| Harsh Environment Package | Top Fill Conversion | Fume Hood |
| Scale Conveyor Options | Explosion Proof Package | N2 Container Purge |
| Ascending Lance | Spare Manifold | Auto Drum Alinger |
| Container Grounding, Auto | | |



Model 5501-S w/ Drum Align



Model 5504-AS

OUR CUSTOMERS INCLUDE: ASHLAND Bostik BORDEN Chevron DOW DUPONT James Hardie Kimberly-Clark MeadWestvaco SHERWIN WILLIAMS