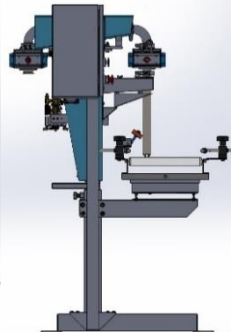
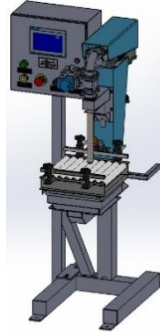
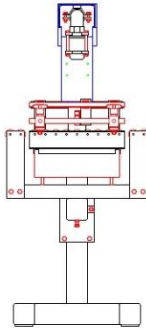
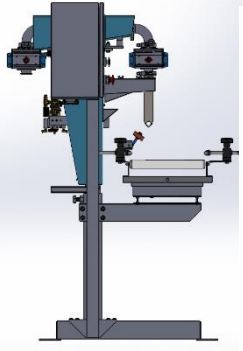
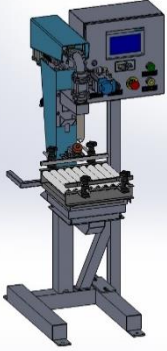




**DATA SCALE**  
AUTOMATED LIQUID FILLING SYSTEMS

42430 Blacow Road, Fremont, CA 94539  
(510) 651-7350 [www.DataScale.com](http://www.DataScale.com)

# Model 501 Filler Series



### Container Size

\*1 to 7-gallon Containers

### Accuracy

± 0.01 lb.

### Output

2 to 6 Containers per Minute

### Electrical Requirements

115 VAC ±10% 47 to 63 Hz 3 Amp

### Pneumatic Requirements

80 to 110 P.S.I. - 3 C.F.M.

@ 35 to 105 degrees F

\*Optional 1-gallon Feature

### 501-T

- Top-Surface
- Non-Foaming Liquids

### 501-F

- Fixed head
- High Viscosity
- Non-Foaming Liquids
- Transition Rollers

### 501-S

- Sub-Surface
- Foaming Liquids

### Available Options

- Wetted Parts Options
- Overflow Fail-Safe
- Drip Suck back
- Ascending Lance
- Pump Control
- Floor Stand for Control Console
- Explosion Proof Package
- Scale Conveyor Options
- Top Fill Conversion
- Spare Manifold
- Fume Hood
- Nitrogen Container Purge
- Portable Cart
- Automatic Container Grounding



**501-S With SALP (Semi-Automatic Lid Press) on Cart with Casters**

**Controls** Featuring 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 of fill; jog, pause, abort, flush, and emergency stop.

**Mechanism** A one-piece stainless-steel frame with height adjustment for scale and fill head. Fail-safe for lance down and misalignment. Includes; 316 stainless steel sub-surface lance and manifold assembly with Teflon seat full port ball valves, air to air actuators, spring close fail-safe, adjustable rate dribble, and 1-1/2" product inlet. Lower assembly and automatic drip catcher. Includes pneumatic filter regulator and plastic splash covers.

**Scale** 12" by 12" 100 lb. capacity and 100% overload. Calibrated to 100 lb. by 0.01 lb. Meets NTEP class III requirement. Galvanized 13" x 13" rollers on scale with optional transition rollers on each side. Total conveyor length of 19" with container sensor for no container - no fill.



Data Scale is a winner of the prestigious Vaaler Award, given by the Chemical Processing Industry, for innovative product design.

MEMBER



Leading companies.  
Leading solutions.

PMMI members are globally renowned for making the highest quality equipment, offering responsive service and committing to meeting their customers' needs. That is why one out of every four machines sold around the world is made by a PMMI member company

Since 1973, Data Scale has been the industry leader in liquid net weight filling equipment for food and chemical industries. Data Scale is the oldest continually owned and operated manufacturer of liquid net weight drum & pail filling equipment in North America. Data Scale can provide application system integration, providing innovative real-world solutions for your liquid filling and automation needs.