

# Model 300-S TOTE/IBC FILLER

**Description** A single lance sub-surface foaming liquid filling system for 1 pre-staged tote or ibc. Operator manually or automatically lowers lance into container. Fills to desired final net-weight.

**Container Size** 300 gallon totes/ibc

**Accuracy** ±0.5 lb.

**Output** 4 to 10 Containers per Hour

**Electrical Requirements**

115 VAC ±10%  
 47 to 632 Hz  
 3 Amp

**Pneumatic Requirements**

80 to 100 P.S.I. - 3 C.F.M.  
 @ 35 to 105 degrees F

**Controls**

Featuring Data Scale's electronic/pneumatic control console and automatic filling program, auto tare, Ascending lance during fill, operator prompting/fill status, serial I/O, lance misalignment, and lance down interlock. Also operator control on fill; jog, pause, about, flush, and emergency stop.



**Mechanism** 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, spring close fail-safe actuator, and 2" product inlet/outlet. Pneumatic filter regulator and plastic splash covers.

**Scale** 48" by 48" 5,000 lb. Capacity and 100% overload. Calibrated to 5,000 lb. by 0.5 lb. Meets NTEP class III requirement.

Options

- |                              |                             |                     |
|------------------------------|-----------------------------|---------------------|
| Wetted Parts Options         | Explosion Proof Package     | N2 Container Purge  |
| Steam Jacketed Manifold      | Container Sensor            | Drum Filling Option |
| Stainless Steel Fill Head    | Spill Containment Pan       | Fume Hood           |
| Clean Room Special Fill Head | Container Grounding, Manual |                     |
| Harsh Environment Package    | Top Fill Conversion         |                     |
| Scale Conveyor Options       | Pump Control                |                     |

**Warranty** New equipment manufactured by Data Scale is warranted against defects in workmanship and material for a period on one year from date of shipment to the original user as verified by the return of the warranty card or eighteen months form date of shipment to an authorized Data Scale dealer, whichever is shorter, subject to limitations.

**Disclaimer** Data Scale is not responsible for variables that adversely effect equipment performance. Insufficient liquid product delivery to the filler will reduce fill rates and too much flow results in fumes, in-accuracy, splash, and overflows. Container, lids, pallets, etc. which have not been supplied to Data Scale for approval are not guaranteed to work and may require adjustment and modification to the equipment at the customer's expense and is not covered by warranty. Customer must provide "clean" electricity and proper "earth ground" for installation of electronic equipment.