

# DATA SCALE

AUTOMATED LIQUID FILLING SYSTEMS

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

# Model 502 Filler Series



### 502-T

- Dual lance
- Net weight filler for liquids
- Top-Surface
- Non-foaming Liquids



### 502-S

- Dual lance
- Net weight filler for liquids
- Sub-Surface Filling
- Foaming Liquids



### 502-F

- Dual Head
- Non-foaming Liquids
- Fixed head
- High Viscosity

**Container Size** 1 to 7  
Gallon

**Output Requirements:** 4 to  
8 per minute

**Pneumatic Requirements:**  
80 to 100 P.S.I. – 3 C.F.M.  
@ 35 to 105 degrees F

**Container Size** 1 to 7 gallon  
open top pails, Square, and  
Round Pails, Jerry Cans,  
Cartons, and Boxes.

**Output** 8 to 14 per minute  
Optional 1 Gallon Feature

### Available Options

- All stainless-steel construction, CIP (including quick change spare manifold), Teflon seals including ball valves and wash-down motors & pneumatics.
- Finger indexing
- Intelligent Industrial designs made to last
- Automatic Container Handling
- Cart System
- Wetted Parts Options
- Stand for Console
- Explosion Proof Package
- Fume Hood
- Pump Control



### 502-S With Pneumatic Capper

**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 ON FILL; JOG, PAUSE, ABOUT, FLUSH, AND EMERGENCY STOP.

**MECHANISM** ONE-PIECE STAINLESS STEEL FRAME WITH HEIGHT ADJUSTMENT FOR SCALES AND FILL HEAD. FAIL-SAFE FOR LANCE DOWN AND MISALIGNMENT. INCLUDES; 316 STAINLESS STEEL LANCES AND MANIFOLD ASSEMBLY WITH TEFLON SEAT FULL PORT BALL VALVES, AIR TO AIR ACTUATORS, SPRING CLOSE FAIL-SAFE, AND ADJUSTABLE RATE DRIBBLE. LOWER ASSEMBLY AND AUTOMATIC DRIP CATCHER. INCLUDES PNEUMATIC FILTER REGULATOR,

**SCALE** 12" BY 12" 100 LB. CAPACITY AND 100% OVERLOAD. CALIBRATED TO 100 LB. BY 0.01 LB. MEETS NTEP CLASS III REQUIREMENT.

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.



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



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



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# Model 502 Filler Series



**502-AF-IL**

- Automated Net-Weight Filler
- 2-Head, In-Line, Continuous Flow
- Dual Head filling system With Flow, Alternating Fill



**502-IL**

- Automated Net-Weight Filler
- 2-Head, In-Line, Continuous
- Dual Head filling system for filling of variety of liquids.

**Output Requirements:** 8 to 14 per minute

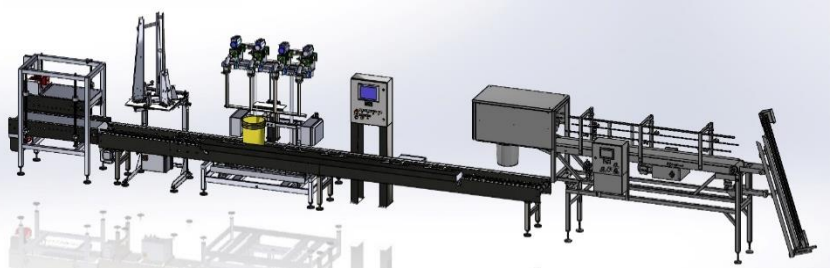
**Pneumatic Requirements:** 80 to 100 P.S.I. – 3 C.F.M. @ 35 to 105 degrees F

**Container Size** 1 to 7 gallon open top pails, Square, and Round Pails, Jerry Cans, Cartons, and Boxes.

**Output** 8 to 14 per minute  
 Optional 1 Gallon Feature

### Available Options

- Dual Head available in Fixed Sub Surface and Top surface to Meet any filling Requirements
- Food Grade Features & Options All stainless steel construction, CIP (including quick change spare manifold), Teflon seals including ball valves and wash-down motors & pneumatics.
- Auto Indexing System
- Intelligent Industrial designs made to last
- Automatic Container Handling
- Cart System
- Wetted Parts Options
- Stand for Console
- Explosion Proof Package
- Fume Hood
- Pump Control



### Roll Through Lid Press - Lid Placer -504 IL – De Nester

Fully Automated System For all Types of Products and Containers  
 Feel Free to check out our Web Site for more information on our filling solutions <https://www.Datascale.com/>

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