

## COMPACT SERVO FILLER

### MODEL CF-SV-600



### For Filling Small Amounts of Dry Products

All-Fill's Model CF-SV-600 Auger Filler uses advanced technology — a brushless servo motor drive and field-proven PLC controls — to ensure fast, accurate, and reliable auger filling of small amounts of dry products. (Range: 50 mg to 50 gm) This design is very suitable for pharmaceutical applications.

#### **SERVO RELIABILITY.**

The auger is operated by a high performance, brushless servo motor. This servo motor provides precise, controlled, movement of the auger to dispense the desired amount of product.

#### **EFFICIENT PRODUCT HANDLING.**

Users can manage throughput via easy programming of the auger profile. Servo motor technology is ideal for fill-by weight applications that require multiple auger speeds, pauses, and feedback signals from scales or checkweighers.

#### **STURDY, COMPACT DESIGN.**

The Model CF-SV-600 Compact Filler's components are mounted in a downsized enclosure for tabletop or lab bench operation. Rugged drive components provide years of maintenance-free operation. Stainless Steel hopper, agitation blade, and components provide proper sanitary conformance requirements.

#### **PLC ACCURACY. TOUCHSCREEN EASE.**

Our PLC-based control system computes all relevant parameters (such as auger RPM and revolutions) internally, so the operator does not have to make calculations or complex entries. An intuitive touchscreen puts essential functions at the user's fingertips. Test and calibration screens simplify maintenance. Set-ups for products/fill weights are easily stored and recalled.

#### **WORLD CLASS SERVICE AND SUPPORT.**

All-Fill uses quality off-the-shelf components so spares are readily available and costs are reduced. All programming is written and supported by in-house engineers.

## FEATURES

- **Brushless servo motor auger drive**
- **Power supply/motion control module**
- **Variable slow speed agitation - complete with 304 stainless steel agitator blade. (Optional)**
- **Stainless Steel Hopper - (Optional: Clear Acrylic)**
- **Sturdy hopper clamp with hand knob “no-tools” removal.**
- **Stainless steel auger shaft**
- **110 Volt**

### Control Features:

- Color “Touch screen” Controls
- 50 setup programs
- Alphanumerical product code for quick reference and setup.
- Programmable agitation control modes of operation.
- Alarm function indicators with error messages.
- Maintenance Screen allows individual components to be tested for functionality.
- Stores accessory information for each type of product or volume
- Production counter
- Illuminated “Power-On” and Emergency Stop switch
- Optional Scale Interface

**Documentation:** Hard copy or digital available

Specifications subject to change without notice.



### Filling Accessories

The Model CF-SV-600 Compact Servo Filler uses the filling accessories and tooling that best suits the flow characteristics and physical properties of the product to be dispensed. Available augers include both straight or self-feeding configurations for both free flow and non-free flow products. Other accessories, such as cutoffs, nozzles, container lifts, etc., can be supplied based on your specific requirements and operational needs.

Interchangeable filling accessories can always be retrofitted to the machine as products and requirements change.

All-Fill maintains a complete test lab for conducting free evaluations.



### All-Fill: For All Your Filling Needs.

All-Fill, Inc. designs, manufactures, services, and supports a complete line of machinery for powder and liquid filling. Complementary equipment includes feeding and conveying of dry products for the food, pharmaceutical, and chemical industries, as well as high-speed checkweighing equipment sold under the Alpha Checkweighers brand.

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