



Notes:

## **MODEL #1000-PLC**

**Semiautomatic Bottom-up Volumetric Filler**

### **Description:**

Semiautomatic filler which features stainless steel construction, programmable logic controller and Bottom-Up<sup>®</sup> volumetric filling.

### **Products:**

Ice cream, frozen yogurt, whipped butter or similar product that does not seek its own level and can be supplied continuously.

### **Key Features:**

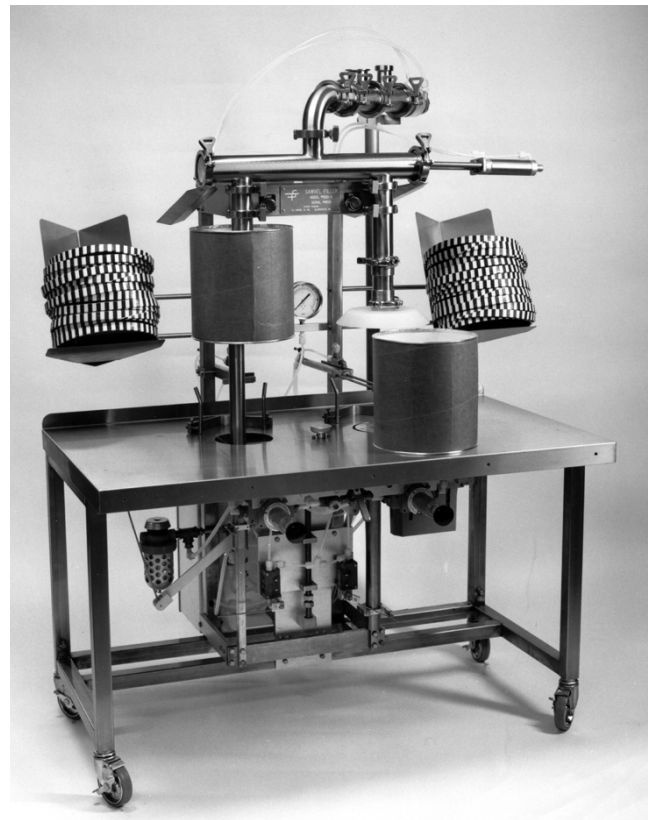
- Bottom-Up<sup>®</sup> volumetric filling
- Continuous product flow
- Mitsubishi PLC controlled
- Quick and simple tooling change
- Speeds to 15 cpm with one operator or 22 cpm with two operators
- 304 stainless steel construction

### **Container Size Range:**

- 1 quart through 3 gallon containers

### **Options Available:**

- Spinner assembly for rotating container as it fills
- Revel injector (spinner assembly needed)
- Neapolitan adapter for linear flavor separation
- Tooling for additional container sizes
- Customer specified PLC



Bottom-Up<sup>®</sup> is a registered trademark of T.D. Sawvel Co., Inc.



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### **Features and Benefits**

#### **Bottom-Up® Volumetric Filling:**

Each container rises to meet the incoming product. The product pushes the container down as it fills.

- Eliminates air pocket formation
- Removes air pockets coming from freezer or ingredient feeder
- Every container fills to the exact same volume, no more over or under fill complaints
- Percentage of freezer overrun determines weight

#### **Continuous Product Flow:**

Empty containers enter fill station without product flow interruption.

- Reduced back pressure at the freezer
- Higher production rates possible
- Straight fill pipe maintains pattern integrity

#### **Simple Tooling Change:**

No tools needed for change over, can be changed in under two minutes!

- Provides flexibility in production planning
- Saves money at change over
- Can fill from 1 quart through 3 gallon sizes in one day

Notes:

#### **PLC Controlled:**

Mitsubishi programmable logic controller used for machine function.

- Very reliable
- Program can be customized to meet your exact needs
- Reduces the amount of air valves needed to run the machine

#### **Compact Design:**

- Saves valuable floor space
- Keeps price affordable
- Easy to move

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## Specifications and Elevation Drawing

**WIDTH:**

36.5" (92.7 cm)

**AIR REQUIREMENTS:**

10 CFM @ 80 PSI

**LENGTH:**

48" (121.9 cm)

**ELECTRICAL REQUIREMENTS:**

110 VAC, 1 PHASE, 50/60 HZ, 5 AMP

**SHIPPING WEIGHT:**

505 lb

