

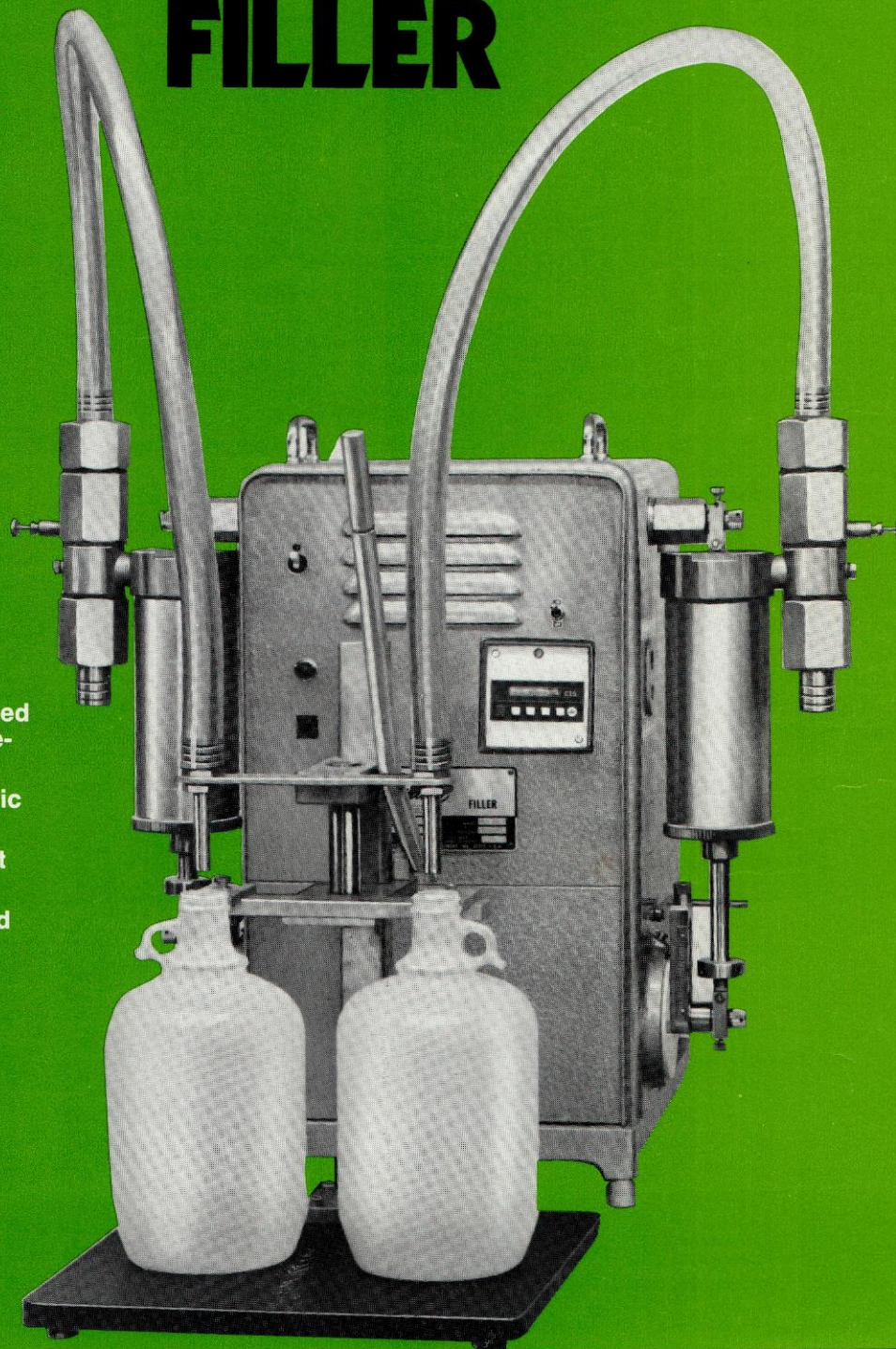
FILAMATIC®



BENCH-TOP VOLUMETRIC GALLON FILLER

DIGITAL READOUT
PROVIDES INSTANT
SELECTION OF
DESIRED FILL
VOLUME

- Meters volumes up to 10,000 gallons.
- Optional accessories for filling containers down to 1/4 ounce.
- Optional 7 or 14 gal/min fill rate.
- Change fill volume with push-button ease.
- Choice of 2 or 4 nozzles.
- Vernier adjustment with graduated micrometer control provides precise volumetric adjustment.
- Positive displacement, volumetric filling.
- 1% accuracy eliminates product give-away.
- 316 stainless steel or, plastic and glass contact parts.
- Easy to use and clean
- Handles any flowable liquid product.
- Drip-free operation



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NATIONAL INSTRUMENT COMPANY, INC.

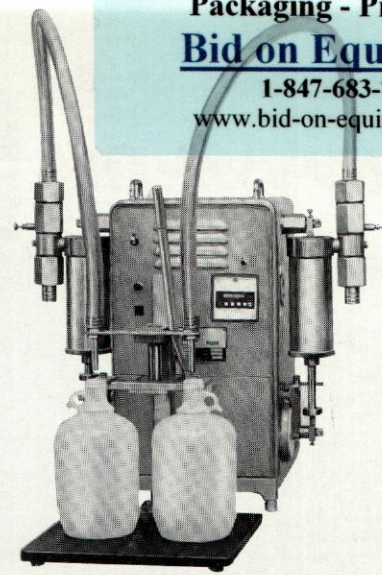
4119 Fordleigh Road • Baltimore, Maryland U.S.A. 21215 • A/C 3

Cable Address - ESAR, BALTIMORE/TWX 710-234-1049

Packaging - Processing
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Filamatic Gallon Fillers provide an easy means of dispensing and metering small or large volumes of liquid in accurately measured amounts. Dispense from a 1/4 ounce to 10,000 gallons with less than 1% variation. Fill any flowable liquid or semi-liquid product. Filamatic Fillers handle aqueous solutions, oils, suspensions, syrups, creams, lotions, lacquers, inks, paints, pigments, liquified ointments and corrosive chemicals. Fill jams, jellies, marmalade, sauces and similar materials containing a high concentration of semi-solids. Ideal for short runs—takes only minutes to set-up, change-over or clean. Precision, positive displacement volumetric pumps provide 1% accuracy—eliminate wasteful overfilling—prevent underfilling. Optional 2 or 4 nozzle models provide fill rates of 7 or 14 gallons per minute.

Easy to use

Filamatic Gallon Fillers are easy to use, even for inexperienced personnel. Installs easily on any convenient bench-top. To operate, simply preset selector switch to the desired fill volume. Place 2 (or 4) containers in position under the nozzles and pull down hand lever. An optional air-operated nozzle lowering mechanism is available for use in automatic installations. When the fill cycle is completed, raise the lever and remove the filled containers. The Filamatic fills directly from your own floor mounted reservoir or overhead supply. Separate micrometer volume controls provide precise vernier adjustment for each nozzle. Interchangeable Filling Units provide extended filling range down to 1/4 ounce.

Description

The Filamatic Gallon Filler consists of a 2 or 4 station bench-top filler, a hand or air operated nozzle holder, valve-in-tip nozzles and a digital type predetermining counter. The product is measured and dispensed by positive displacement, one quart capacity piston pumps fabricated of 316 stainless steel (available also in plastic and glass construction). Individual micrometer volume controls provide precise vernier adjustments for each filling nozzle. Equipped with an SCR electronic controller for fingertip speed control from 2 to 15 R.P.M. Choice of 2 or 4 nozzle models for a fill rate of 7 or 14 gallons per minute (based on water). Patented valve-in-tip nozzles open automatically when the fill cycle begins and close when the liquid flow stops.

Fills are foam free and drip-free even with shampoos and detergents. A safety mechanism permits the filler to operate only when the nozzles have been inserted into the container openings.

Automatic Operation

The Filamatic Gallon Filler is easily installed on your own, in-plant conveyor, for automatic operation. Or, we can supply the Filamatic as an automatic filler, complete with a factory built conveyor. Details upon request.

For free analysis and recommendations, send sample product and container, indicate production required.

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Specifications

MODEL	FILLING RANGE (STANDARD ACCESSORIES)	EXTENDED FILLING RANGE	NUMBER OF NOZZLES	FILL RATE (GALLONS/MINUTE)	NET WEIGHT (POUNDS)	DIMENSIONS	SHIPPING WEIGHT	MOTOR
DAB-32-2G	4 ounces to 10,000 gallons	1/4 ounce to 10,000 gallons	2	7	225	14 x 19 x 31	275	1/2 H.P. 110/120 60 HZ
DAB-32-4G	4 ounces to 10,000 gallons	1/4 ounce to 10,000 gallons	4	14	360	14 x 19 x 31	550	1 H.P. 220 V., 60 HZ