

Crandall®
Established 1906

Electronic Top Filler Multiple Units



U4/25 PEX

Range of Products: Any non-foaming food, petroleum or chemical product which will flow, settle out in the container and does not contain hard solids. Machines are available in Brass & Steel (standard), 316 Stainless Steel, 304 Sanitary Stainless Steel, or PVC product contact parts to suit a wide range of products.

Range of Containers: Any free standing metal, glass, plastic or bag in box containers from gallon (4 liters) to 6 gallon (25 liters). Filling nozzles are available for containers with openings as small as 1" (25mm).

Filling Speed: Based on the gravity filling of water from a 10 ft. (3 meter) head tank into open top containers.

CONTAINERS PER HOUR*

Container size model	Per Hour		
	1 gal. 4 lt.	2.5 gal. 10 lt.	5 gal. 20 lt.
U2	700	440	360
U3	1050	660	540
U4	NR	880	720
U5	NR	NR	900
U6	NR	NR	1080

NR-Not Recommended for sustained filling

Accuracy: The 100 lb. (50kg.) scales are proven heavy duty design, specially adapted for the filling operation. Accuracy of the filler is +or - 0.1% of target weight when the machine is properly installed and operated.

Installation: Machines are shipped complete and assembled and can be quickly installed by your plant personnel. No special foundation is necessary. Simply place the machine in its operating location level with jacks as needed, connect the electric cords to any clean grounded 110 vac 50/60 hz. receptacle, connect plant air to the filter regulator, lubricator, and connect the product supply hose to the 1.5" npt thread at the feed pipe.

Supply Of Product: The machine may be supplied from any source which will provide a non-surging flow. Supply line pressure may be from gravity to 40 p.s.i.g.

Maintenance: Sturdy design and construction guarantees many years of service. No special tools are necessary to make adjustments

Safety: The machine is equipped with a quick shut-off that interrupts the fill. It also features a fail-safe to shut off the flow of product if air pressure is lost. See other available options.

Personnel Required: One operator, no special skills necessary.

**100 YEARS of
QUALITY and SERVICE!**



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Operation:

The operator simply enters set-point 1 (dribble flow) weight and set-point 2 (target weight) shy of the target allowing product in motion to be weighed then the operator places the container on the fill platform under the fill nozzle and presses the start button. At this point the scale automatically tares the weight of the container. The nozzle descends approx. 1/2" into the opening of the container. When the container reaches the set-point 1 weight the product flow decreases to increase accuracy. When the container reaches set-point 2 shut-off weight the nozzle closes without drip, and rises. The operator pushes the container off the platform onto the power discharge conveyor and place another container for filling..

Approximate Air Requirements: 1.5 cu.ft./min. @ 80 p.s.i. or 12 s.c.f.m. @ 80 p.s.i. (40ltr/min.@ 5.6 kg/sq.cm).

Electric Requirements: 110/120 volts,50/60 hz., single phase,grounded,clean. We suggest using a surge protector. The scale controller classification is NEMA 4 X, liquid tight.

Space Requirements Floor Space

U2	44 in. X 32in.	112 cm X 82 cm.
U3	58 in. X 32 in.	146 cm. X 82 cm
U4	71 in. X 32 in.	180 cm. X 82 cm.
U5	85 in. X 32 in.	215 cm. X 82 cm.
U6	98 in. X 32 in.	249 cm. X 82 cm.

OPTIONAL FEATURES

Contact Parts: 316 Stainless Steel wetted parts with glass/Teflon gaskets and Titanium wetted parts with glass/Teflon gaskets are available for the chemical industries, PVC with tygon gaskets for high corrosives and UHMW is also available. 304 Sanitary Stainless Steel for the food industry when required.

Frame Work: 304 Stainless Steel

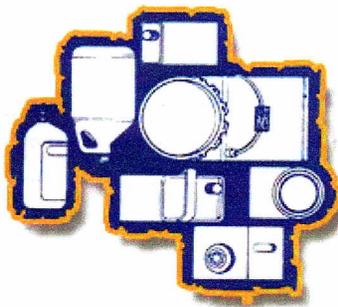
Coatings: Two part (Tile Clad tm.) Epoxy Spray coated steel or SteelIt tm. Stainless Steel spray coated steel

Fume Cover: A PVC or UHMW fume cover is provided with a 3/4" X 10' long flex hose for connection to your plant vacuum system. This removes fumes from around the container while filling, directly at the opening. Not applicable for open top five gallon pails.

Operator Splash Guard: To protect the operator from direct spray in the event of an accidental overflow. We suggest that all operators should wear proper eye protection at all times while operating any filling machine.

Printers: Several printers are available for labels, cards and tape. Various printers offer features including net,gross and tare values as well as batch,time and accumulation information.

SPECIAL ADAPTIONS ARE ALWAYS AVAILABLE FOR SPECIFIC USER REQUIREMENTS



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