

Drum Filling System



Simple

Durable

Affordable

Safe

Flexible



Solutions to help you
Eliminate Filling Spoilers

METTLER TOLEDO

Always a step ahead.... Auto check and fill operation



Weighing Solutions for Hazardous environments



METTLER TOLEDO Filling System provides a complete, semiautomatic solution to a variety of filling problems.

Once installed, your Operator will only have to adjust bunk position of the drum and

press the "Start" button. The container weight is auto tared and accurate 2-speed filling assures quick and accurate filling of each container. After filling the operator removes the container, and places another container on the Scale.

Simple

- Easy to learn.
- Easy to operate and maintain.
- Large indication lamps.
- User friendly.

Durable

- Rugged and dependable construction.
- Long life, low maintenance.
- Efficient operation.

Affordable

- Increase productivity.
- Eliminate product giveaway.
- Check weighing.
- Reduce labour.

Safe

- Minimise operator exposure to hazardous materials.
- Reduces handling of containers.
- Optional process interlocks.

Flexible

- Multiple size containers.
- Surface or subsurface filling.
- Stand alone or integrated with material handling solutions.

Specifications

Platform size	: 600 mm x 800 mm
Capacity	: 300 kg
IP protection	: IP67
Lance assembly material	: SS - 304
Lance stand construction	: Mild Steel Powder Coated (Stainless Steel Option available)
Production pipe Connection	: 1.5 " NB with flanges as per ANSI B 16.5 150 #
Air requirements	: 6-8 bar
Operating voltage	: 230 VAC, 50 hz
Power consumption	: 50 W
Accuracy	: $\pm$ / - 0.1%

LOAD CELLS SPECIFICATION :		LOAD CELLS SPECIFICATION :	
Excitation voltage (VDC or VAC rms)	15max	Temp. compensated range	-10°C to + 40°C
Rated output(MV/V)	2.0 $\pm$ 0.1%	Safe operating range	-30°C to + 70°C
Input resistance(Ohms)	350-480	Temp. effect on zero balance	0.023%10°C
Output resistance (Ohms)	356 $\pm$ 0.12	Deflection at rated capacity	<0.4 mm
Zero balance(MV/V)	=0.02	Wiring & gauge cavity seal type	Hermetically sealed
Combined error (%FSD)	<0.02	Safe overload (%FSD)	150
Non-repeatability(%FSD)	<0.01	Ultimate overload (%FSD)	300
Creep in 30 min. (%FSD)	0.017	Safe side load (%FSD)	100
CAPACITIES:			
50 kg - 300kg	Single Drums	1000kg	IBC / Four Drums on Pallet



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