



The Most Advanced, Automatic,
Non-Disposable Liquid Filtration System



Zero Gravity Filters Smart Drum PLUS Fluid Recovery System

SPECIFICATION SHEET

System	
Housing/Tanks	Stainless Steel 304.
Lower Pan	Stainless Steel 304.
Drum Magnet	Dual Magnetic Circuit - permanent, rare earth, neodymium iron boron & ceramic
Magnetic Coolant Roll Housing	Stainless steel 304.
Motor and Gearbox Assembly	24 VDC, 1.9 Amp
Connections: Inlet/Outlet	Inlet: 1.5" MNPT. Outlet: 1.5" MNPT. Overflow/Vent: 2" MNPT

Controls	
Solid State Controls	Adjustments are made on touch pad membrane for the following: purge duration, purge interval, magnetic drum rotation duration.

Site Requirements	
Electrical Supply	24 VDC, 2 Amp
Approximate Dimensions	3' L x 2' W x 5' H; with Optional Stand/Frame: 3' L x 3' W x 7' H
Weight	Dry: 243 lbs (110 kg); Wet: 487 lbs (221 kg)
Fluid Volume	Upper Tank: 22.6 gallons. Lower Pan: 3.7 gallons

Operating Parameters	
Number of Magnets	(1) Magnetic Drum
Flow Rate	Batch Process – Maximum Flow: Purge from MG2600 (~250 gpm) <i>NOTE: Adjustable orifice plate provides for flow control.</i>
Operating Pressures	Maximum: 100 psi (690 kPa)
Operating Temperature	Maximum: 170°F (75°C). Higher Temperatures available.
Mode	Batch Process, can be modified for continuous operation
Estimated Energy Consumption	<1.0 kilowatt per day

Options	Standard	Upgrade	Upgrade
Solids Dewatering	None	Spring Tension Adjustable, Wringer Roller	
Safety Guard	None	Painted yellow safety guard	
Motor and Gearbox Assembly	24 VDC	110, 220, or 480 VAC	

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