ELECTRIC FIXED RATIO

METER MIX AND DISPENSE SYSTEM

The Graco Electric Fixed Ratio (EFR) is an electric meter, mix and dispense system for two component sealant and adhesive delivery.

The EFR provides a continuous flow, fixed ratio for applications requiring precision dispense, allowing more control over material and dispense.

Unmatched Accuracy
Hit specific ratios and volumes, everytime

Flexible
Adjustable shot size and flow rates for a smooth, consistent bead

Dependable
Rods do not touch cylinder walls, reducing wear and downtime

Durable
Easily dispense abrasive or filled materials without losing accuracy

On-Ratio
Power inlet and outlet valves eliminate material bypass and ensure ratio precision and consistency

Reduce Waste
With advanced material control, you waste less material, reducing scrap and rework

Benefits

– Superior accuracy
– Improve process performance
– Prevent downtime
– Lower maintenance costs
– Increase electrical efficiency
– Provides real-time, integrated, closed-loop control
– Continuous flow rate
– Consistent bead diameter
– Unmatched repeatability
– Flexible to accomplish every bead/shot task.
– One system for all your applications

Markets

– Automotive
– Battery
– Appliance
– Solar and Wind Power
– Product Assembly
– General Industry
– Composite
– Flexible Packaging
– Lamination
– Medical
– Transportation
– Insulated Glass

Industries

– Bonding
– Sealing
– Potting
– Encapsulation
– Pultrusion

Materials

– Thermal Interface Materials
– Epoxies
– Silicones
– Acrylic
– Polysulfide
– Urethanes
– Methacrylate
– Filled and unfilled materials

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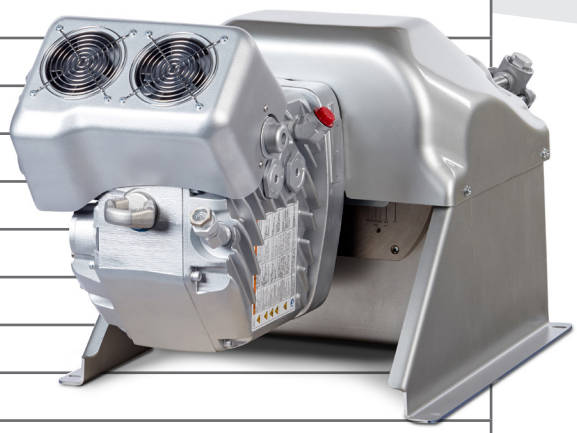
SPECIFICATIONS

Drive Type	Precision Controlled ServoDrive Motor
Material Delivery	Shot or Bead
Supply Type	Bulk supply from 20 L pails to 200 L drums and larger totes.
Shot Size Range	0.1 grams
Mix Ratio Range	1:1 – 12:1
Ratio tolerance range	Up to +/- 1%
Flow Rates	
Minimum	1 cc/min
Maximum	4,000 cc/min
Fluid inlets without feed kits	¾" NPT
Max. mixed fluid working pressure	3500 psi
Min. pump inlet fluid pressure	50 psi
Max. ambient temperature	120° F
Weight (base machine)	360 lbs
Dimension in. (LxWxH)	50x22x22
Fluid Viscosity Range	Up to 1,000,000 cps
Wetted Parts	
Pumps	Stainless steel, PTFE, UHMWPE, tungsten carbide
Manifold	Aluminum or stainless steel
Applicator	Varies based on applicator chosen; see applicator manual
Electrical Power	200-240 VAC 50/60 Hz
	400-480VAC 50/60 Hz
Maximum Cycle Rate	25 cpm



DispenseRite

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