EVR™ METERING SYSTEM

VERSATILE AND ACCURATE TWO COMPONENT VARIABLE RATIO DISPENSING

Easily change ratios on the fly with electric variable ratio (EVR) metering. Graco's high flow system can move up to 6,400 cubic centimeters (ccs) per minute, while flexing dispense ratios anywhere between 1:1 to 5:1 or 2:1 to 10:1.

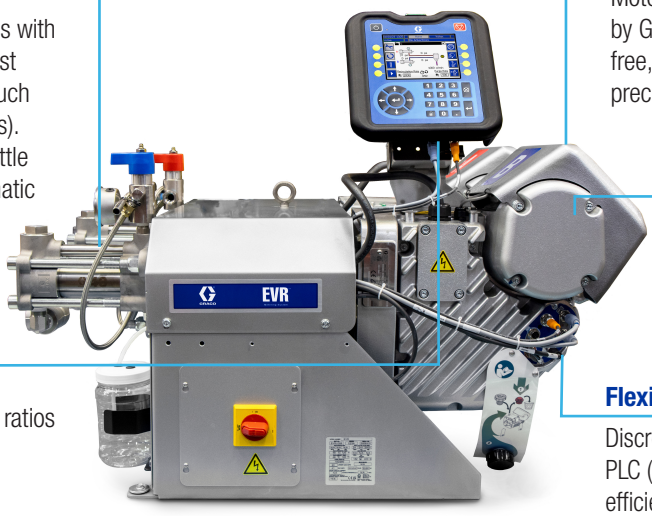
Such versatility allows manufacturers to mix, meter and dispense different materials with the same equipment. Changing material or viscosity no longer means putting production on hold to swap out hardware or pumps.

Reliable, Durable Pumps

Z-Pumps achieve on-ratio metered continuous flow and shots. Z-Pumps with Elite construction withstand the most abrasive adhesives and sealants, such as thermal interface materials (TIMs). To keep both pumps running with little maintenance, add the G3™ Automatic Grease Lubrication Kit (part number 25F344).

Digital Ratio Control

An onboard HMI (human machine interface) makes it easy to change ratios and monitor system performance.



Robust Electric Drives

Motors designed and manufactured by Graco are virtually maintenance free, providing smooth, powerful, and precise operation.

Independent Motors

One electric motor per pump lower doubles your horsepower, allows the processing of high viscosity materials.

Flexible Integration

Discrete or fieldbus ports connect to factory PLC (programmable logic controller) for efficient process control (including pressure relief) and data reporting.

MATERIALS

- Thermal Interface Materials (TIMs)
- Epoxies
- Silicones
- Urethanes
- Acrylics

APPLICATIONS

- Thermal Management
- Gasketing
- Bonding
- Sealing
- Potting
- Encapsulating

See the EVR from all angles.

EVR™ METERING SYSTEM
TECHNICAL SPECIFICATIONS

Maximum Fluid Pressure	3500 psi (24 MPa, 241 bar)
Minimum Inlet Fluid Pressure	50 psi (0.35 MPa, 3.5 bar)
Power Requirements	240V and 480V
Fluid Inlet Size	¾ NPT (f)
Fluid Outlet Size	½ NPT (f)
Viscosity Range	20 to 1,000,000 cps
Maximum Fluid Temperature	120 F (50 C)
Weight	425 lbs (193 kg)
Wetted Parts	Stainless steel, zinc-plated carbon steel, brass, tungsten carbide, chrome, fluoroelastomer, PTFE, ultra-high molecular weight polyethylene, silicon nitride
Shot Size Range	0.3 cc to continuous
Maximum Flow Rate	2 to 6400 cc/min (depending on material viscosity)
Ratio Range	1:1 – 5:1 / 2:1 – 10:1

COMPATIBLE ACCESSORIES

Electric varialble ratio (EVR) metering works well with bulk unloaders, supply pumps, and day tanks.

MD2 Valve
Mixing Dispense for 2 component material

MDX Valve
Mixing Dispense for extremely fast production

TC Valve
Independent Twin Control for A/B fluid paths

G3™ Series Pump
Grease pump for automatic lubrication of EVR system components

For product information or to request a demonstration,

call **877.84GRACO (1-877-844-7226)** or visit **www.graco.com/EVR**.