

DynaMite™ 190

Single component mini-extruder



The solution to dispensing viscous materials from small containers.



The newly designed Graco DynaMite Pump utilizes the NXT air motor to provide the power necessary to move viscous materials from small containers. Deliver precise, consistent fluid dispensing from one quart and one gallon containers.



DynaMite 190 with Wiper Plate

The Graco DynaMite 190 Pump

Features and Benefits

- Extrudes viscous material from their original, 1 qt (0.95) or 1 gal (3.79l) source
- Compact and lightweight
- Highly precise fluid delivery
- Built tough for rugged conditions

Typical Applications

- Dispensing viscous fluids and pastes
- Manual or automatic valve applications
- Small manufacturing workcells
- Industrial workbench applications

Typical Fluids Handled

- Adhesives
- Potting compounds
- Heatsink compounds
- Encapsulants
- Sealants
- Grease
- Inks
- Colorants



Technical Specifications

Maximum fluid outlet pressure	1200 psi (83 bar, 8.3 MPa)
Maximum fluid flow	20 oz/min. (0.59 lpm)
Maximum fluid viscosity.....	600,000 cps
Volume per stroke.....	0.17 oz (5.0 cc)
Pump cycles per 1 gal (3.8 l).....	376.5
Maximum recommended pump speed	
Intermittent duty	60 cpm
Continuous duty.....	40 cpm
Maximum operating temperature	140°F (60°C)
Air input pressure	25 to 100 psi (1.8 to 7 bar, 0.18 to 0.7 MPa)
Fluid outlet size.....	1/4 npt(f)
Air inlet size.....	1/4 npt(f)
Wetted materials.....	304 and 17-4 pH SST, PTFE, fluoroelastomer, PEEK
Weight.....	18.5 lbs (8.4 kg)
Width.....	14.0 in (356 mm)
Depth.....	8.25 in (210 mm)
Maximum height.....	28.75 in (730.1 mm) with ram cylinder extended
Instruction manual.....	308302

Ordering information

- 235871 DynaMite 190**
Pump unit without wiper plate
Order wiper plate separately
- 224923 Wiper Plate 1 Qt (kg), Rubber**
For DynaMite 190 Pump Unit
- 224908 Wiper Plate 1 gal (3 kg), Rubber**
For DynaMite 190 Pump Unit

Accessories

- 235877 DynaMite 190 Dispense Valve**
Pistol grip style
- 235871 DynaMite 190 Dispense Valve**
Without handle for fixture mounting
- 223948 Wiper Plate Poly Shields (Set of 10)**
For 1 gal (3 kg)

DispenseRite

metermixdispense.com

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