

# DynaMite™ 190

## Single Component Mini Extruders

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DynaMite 190 is ideal for dispensing viscous materials from small containers.

### Features and Benefits

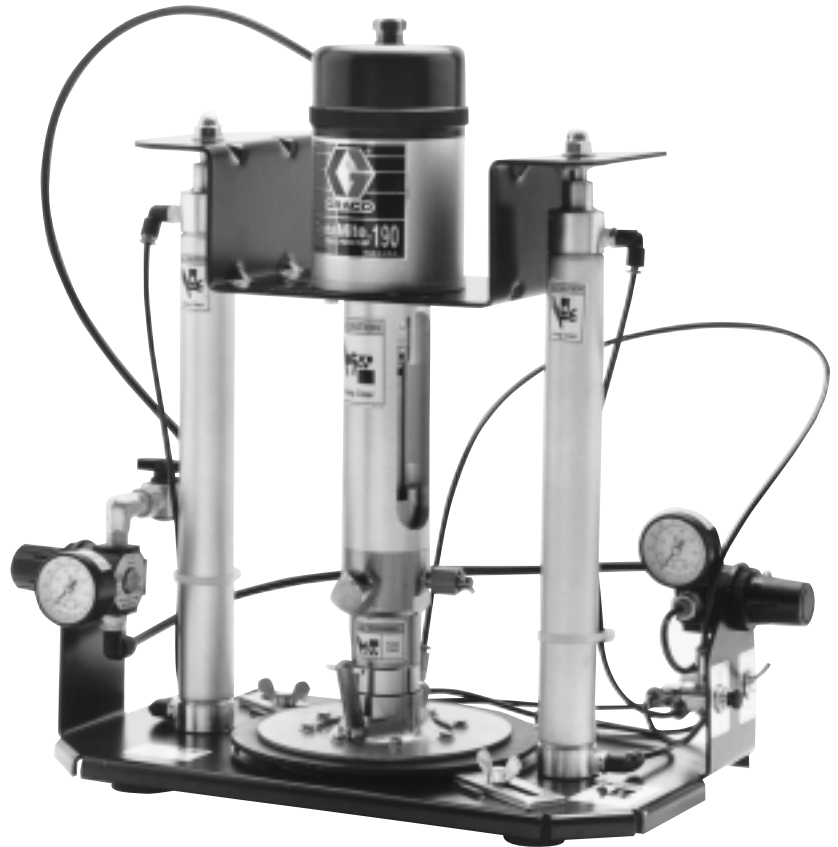
- Extrudes viscous material from their original, 1 qt (0.95 liter) or 1 gal. (3.79 liter) source
- Compact and lightweight
- Highly precise fluid delivery
- Built tough for rugged conditions

### Typical Applications

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

### Typical Fluids Handled

- Adhesives
- Potting compounds
- Encapsulants
- Sealants
- Greases
- Inks
- Colorants



**DynaMite 190  
235871 with 224923  
Wiper Plate**

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### Technical Specifications

Maximum fluid outlet pressure	850 psi (58.4 bar, 5.8 MPa)
Maximum fluid flow	.20 oz/min. (0.59 lpm)
Fluid viscosity range	10,000 to 600,000 cps
Volume per stroke	0.17 oz (5.0 cc)
Pump cycles per 1 gal. (3.8 liter)	376.5
Maximum recommended pump speed	
Intermittent duty	60 cpm
Continuous duty	40 cpm
Maximum operating temperature	140°F (60°C)
Maximum air inlet range	25 to 100 psi (1.8 to 7 bar, 0.18 to 0.7 MPa)
Fluid inlet size	1 gal. (3.8 liters) or 1 qt (0.95 liter) cans
Fluid outlet size	1/4 npt(f)
Air inlet size	1/4 npt(f)
Wetted materials	304 and 17-4 pH SST, Teflon®, Viton®, acetal
Weight	16.1 lbs (7.2 kg)
Width	14.0 in. (356 mm)
Depth	8.25 in. (210 mm)
Maximum height	26.5 in. (673 mm) with ram cylinder extended
Instruction manual	308302

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## Single Component Mini Extruders

### Ordering Information

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

### Accessories

- 235877 DynaMite 190 Dispense Valve**  
Pistol grip style.
- 235871 DynaMite 190 Dispense Valve**  
Without handle for fixture mounting
- For information on dispense valves, see section 2.
- Wiper Plate Poly Shields (sets of 10)**  
**223948** For 1 gal. (3 kg)