



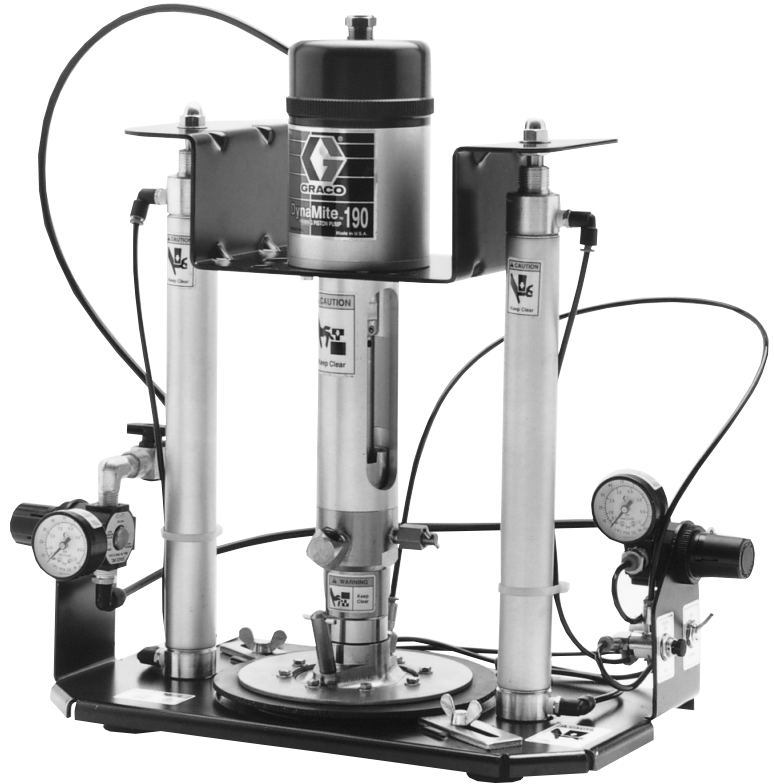
First choice when
quality counts.™

DynaMite™ 190

Single Component Mini Extruder

**Compact
extruder for
precision
dispensing
of single
component
sealants and
adhesives**

- **Extrudes viscous material from their original 1 qt. or 1 gallon source**
- **Compact and lightweight**
- **Highly precise fluid delivery**
- **Built tough for rugged conditions**



SEALANT ADHESIVE EQUIPMENT

Graco brings productivity and consistency to the task of applying small amounts of sealant or adhesive directly from their original 1 quart or 1 gallon containers with the DynaMite 190 Mini-Extruder. These materials can then be applied by manual or automatic dispense valves.

A single-acting positive displacement design which incorporates a priming piston intake allows for the easy loading of a wide range of highly viscous fluids and pastes used in precision parts assembly. The DynaMite is also ideal for laboratory test dispensing, fine assembly work and syringe loading.

The Dyna-Mite 190 is a compact and lightweight extruder that requires little workspace and can fit easily on a workbench. Built industrial tough, the Dyna-Mite 190 can handle the rugged duty expected in a manufacturing workcell.

Typical Fluids Handled

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

Typical Applications

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

Technical Specifications

Max. fluid output pressure 850 psi (0.6 MPa, 60 bar)
Fluid viscosity range 10,000 to 600,000 cps
Dispense volume per stroke 0.17 oz. (5.0 cc)
Maximum recommended pump speed
 Intermittent duty 60 cpm
 Continuous duty 40 cpm
Fluid inlet accepts standard 1 gallon or 1 quart cans
Fluid outlet 1/4 npt(f)
Air inlet 1/4 npt(f)
Air inlet pressure range 25-100 psi
 (0.18-0.7 MPa, 1.8-7 bar)
Max. ambient operating temperature 140°F (60°C)
Width 14.0 in. (356 mm)
Depth 8.25 in. (210 mm)
Maximum height 26.5 in. (673 mm)
 (with ram cylinder extended)
Weight 16.1 lbs. (7.2 kg)
Wetted materials 304 and 17-4 pH SST,
 Teflon®, Viton®, acetal
Instruction manual 308-302

Ordering Information

- 235-871 DynaMite 190**
Pump unit without wiper plate.
Order wiper plate separately.
- 224-923 Wiper Plate 1 Qt. (1 kg)**
For DynaMite 190 Pump Unit.
- 224-908 Wiper Plate 1 Gal. (3 kg)**
For DynaMite 190 Pump Unit.

Accessories

- 235-877 DynaMite 190 Dispense Valve**
Pistol grip style.
- 235-871 DynaMite 190 Dispense Valve**
Without handle for fixture mounting.
- Wiper Plate Poly Shields (sets of 10)**
223-947 For 1 qt. (1 kg)
223-948 For 1 gal. (3 kg)
- 206-995 1 Qt. Throat Seal Liquid**
- 200-033 Neoprene Core Air Hose**
1/4 npt x 6 ft.
- 100-223 Master Air Valve, Bleed-Type**
1/4 npt
- 110-146 Air Filter**
1 oz. bowl. 1/4 npt
- 110-148 Air Lubricator**
1 oz. bowl. 1/4 npt

Repair Kits

- 223-894** Pump Tube Repair Kit
223-895 Air Motor Repair Kit