

Acid Injection Pumps

All Inject-O-Meter corrosive chemical pumps can be powered by any of the drive options mentioned. These pumps are made from either polypropylene or Kynar(r). Both are highly resistant to many chemicals; however, we suggest calling your chemical supplier on information regarding chemical compatibility with both of these polymers. These pumps are recommended for growers who need to inject acid as part of a prescribed maintenance program or to adjust the p.H. of the soil. The Kynar(r) pump is also excellent for injecting slurries materials.



See below for other uses of Kynar(r)

Weight

- 75 lbs. simplex, 115 lbs. duplex
- Built rugged for years of trouble free service
- Will handle corrosive and non-corrosive chemicals and slurries
- Small in size and grease ports to extend life of pump

Features

- **Gear reducer:** heavy duty, double shafted (15:1 standard), call for other speeds
- **O-rings:** Viton(r), EPR, Aegis, and Kalrez(r) for all of your chemical handling needs
- **Valves:** Kynar(r) or Polypropylene
- **Ball Checks:** Ceramic or Teflon(r)
- **Springs:** none or 316 stainless steel or (Hastelloy C available on certain models)

Other industrial uses for Kynar(r) injection pumps

- Pulp and Paper Bleaching operations
- Mining Abrasion and Chloride resistant
- Metal prep High temperature and acid resistant
- Pharmaceutical USP Class VI, ozone sterilizable
- Petrochemical Alkylation units, Hydrocarbon mixtures
- Food and Beverage FDA, USDA, 3A listed
- Wastewater Ultraviolet and fungus resistant
- Pesticides Halogen resistance and low permeation
- Institutional Low smoke and flame properties
- General Chemical Hot acids, halogens, alcohols, aromatics, oxidants, mild bases and aliphatics

Outputs (gallons per hour) by Model

| Model | Min Output Simplex | Max Output Simplex | Min Output Duplex | Max Output Duplex |
|-------------|--------------------|--------------------|-------------------|-------------------|
| I-70 - .375 | .74 | 5.11 | 1.48 | 10.22 |
| I-70 - .50 | 1.35 | 9.51 | 2.70 | 19.02 |
| I-70 - .75 | 2 | 20 | 4 | 40 |
| HVI - 82 | 5.7 | 57 | 11.4 | 114 |