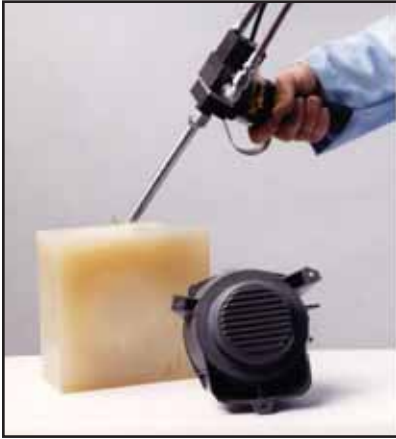


Posiratio® Mini - RPV

Variable Ratio Rapid Prototyping Machine

The Posiratio® Mini allows casting of void-free parts with faithful reproductions and fast demolds.



Designed for the dispensing of fast-curing polyurethanes used in the rapid prototyping industry for quick mold turn-around.

Productivity:

- Dispenses over 10 lbs per minute with rapid cycle, adjustable output to quickly fill part cavities.
- Handles viscosities from water-thin to paste.
- Operator-controlled Twinmixer® III dispense gun and disposable Posimixer® motionless mixers ensure thorough mixing with minimal waste.

Flexibility:

- Variable ratio carriage to allow for fine tuning of mix ratio to develop maximum cured properties of resins.
- Fast changeover of resins or colors reduces wasted time and excessive cleaning.

Reliability:

- Built and serviced by the leading manufacturer of precision dispensing equipment.

Accuracy:

- $\pm 0.5\%$ cycle-to-cycle metering accuracy with Posiload® positive-displacement metering pumps.




Liquid Control
The Knowledge Leader in Dispensing Equipment

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Specifications

- **Posiload Positive Displacement Pump**
 - $\pm 0.5\%$ metering accuracy, shot to shot.
 - Handles viscosities from thin liquid to paste.
 - No limitations on resin type used (epoxy, polyester, silicone, urethane)
- **Pneumatic Drive and Controls**
 - Reliable air drive up to 110 psi.
 - Rapid cycle rate gives continuous flow.
- **Adjustable Pump Speed**
 - Easily adjustable pump speed to deliver over 10 lbs per minute flow rate output.
- **Ratios from 1:1 to 100:1**
 - Easily adjustable ratios for casting a variety of resins
- **Operator Controlled Shot**
 - Twinmixer III dispense valve for user control of output to fill molds quickly. Compact, lightweight, easy to use and service.
- **Service and Support**
 - Fully back with Liquid Control's renowned service and support team, by phone, or in person.
- **5 Liter, 7.5 Liter and Pail Feed Options**
 - Tanks hold sufficient volume for large parts casting.
 - Compact tanks allow quick changeover of resins.
 - Available with vacuum degassing. Connections to ensure void-free castings.
 - Standard dessicant air dryer connections prevent moisture contamination.
 - Pail feed kit includes portable cart.
- **Motionless Mixers with Optional Air/Solvent Purge**
 - Complete and thorough mixing with disposable Posimixer motionless mixers.
 - Twinmixer III has optional air/solvent purge.
- **Shot Size Adjuster**
 - Optimize machine output to fill mold without excessive waste.
- **Compact Size**
 - 15" W x 28" L x 20" H



Posiratio® Variable Ratio Carriage



Twinmixer® III Dispense Gun with Posimixer Motionless Mixers