

# ESCO Low Pressure Laboratory Scale Elastomer Metering and Dispensing Machine

ESCO can meet your processing needs on a large scale or small. ESCO's laboratory scale elastomer process machine is ideal for material or product development as well as small pilot production applications.



Laboratory Hot Cast Elastomer Processor



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ESCO's lab scale elastomer processor is a two-component dispenser designed for rapid material changeover.

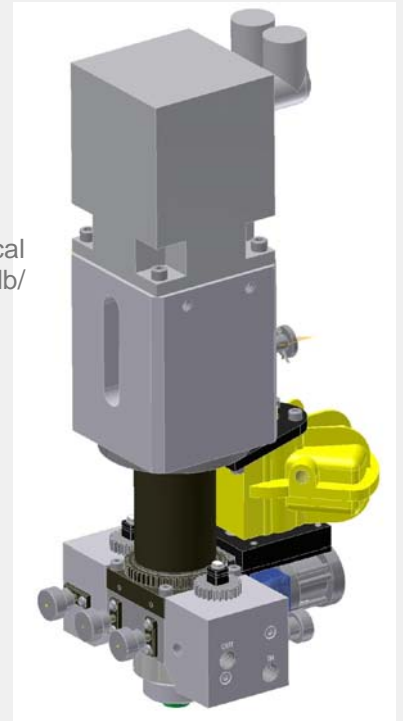
## Features

- Production mixing head ensures direct scale up to production
- One gallon tanks
- Output range from .2 to 20 lbs/minute with  $\pm$  1% metering accuracy
- Variable speed precision gear pumps for accuracy with independent variable ratio control between the components
- Manual mixing head flush system with auto flush optional
- Electric agitators
- Electric heat
- Batch degassing and solid melting capabilities for all components

## Optional

- Hot oil tracing of all wetted component eliminates all "cold spots"
- Heating capabilities up to 300°F. Independent temperature control of material components
- Custom layouts and configurations including stainless steel wetted components
- Operator interface for all critical process variables
- Other tank sizes available are 1 or 2 quart or 2 gallon
- System can be tailored to multiple streams and exacting processing parameters
- Computer control and data logging packages
- Vacuum pump system
- Higher output ranges to 40 lbs/min.

M-100 mix head is typical for flows from .25—3 lb/min (1.8-23 gm/sec)



M-200 mix head is typical for use with the elastomer processors for flows from 1-20 lb/min (7.9-150 gm/sec)

