

# PORTIONATOR<sup>®</sup> M100



## Portionator<sup>®</sup> M100 Meter/Dispense System

- METER AND DISPENSE ANY TWO COMPONENT EPOXY, URETHANE, OR SILICONE
- PULL THE HANDLE AND DISPENSE ONLY AS MUCH AS YOU NEED, EXACTLY WITH PRECISE MIX RATIO
- ELIMINATES HAND WEIGHING
- IMPROVES QUALITY CONTROL BY ELIMINATING GUESSWORK AND HUMAN ERROR OUT OF PROCESS
- ECONOMICAL ALLOWS PURCHASING MATERIAL IN BULK RATHER THEN EXPENSIVE CARTRIDGES
- WIDE MIX RATIO FROM 1:1 TO 100:5
- EASY ADJUST MIX RATIO WITH OUR PATENTED SLIDER SCALE
- COMPACT BENCH TOP SIZE
- ROBUST INDUSTRIAL DESIGN
- OVER 10,000 MACHINES INSTALLED

GLENMARC FOUNDED 1968  
OVER 35 YEARS METER MIX  
MACHINE EXPERIENCE



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# Portionator® M100 Meter/Dispense System



Patented mix ratio  
slider scale  
easily sets  
from 1:1 to 100:5

## PORTIONATOR M100 SPECIFICATIONS:

### Material Viscosity:

No minimum viscosity, maximum viscosity (around 50,000 cps)  
basically any pourable or self-leveling liquid.  
Also some thicker materials and pastes can be used, consult factory.

### Shot Size Range:

Minimum shot approximately 6-8 cc. (Depending on ratio)  
Maximum shot approximately 60cc (approximately 32cc per piston on full stroke)  
Dispense infinite amount by using multiple strokes.

### Shot Time:

Up to 10 shots/minute.  
Average approximately 4-6 shots/minute.  
This depends on material viscosity, shot size, and operator experience.

### Shot cycle Initiate:

Manual lever pull system

### Dispense and Ratio Accuracy:

Plus or minus 1% to 5%

### Dispensing System:

Highly Accurate Positive displacement pump.

### Reservoir Capacity:

1.25 Quart (1.18 liters) each resin and hardener tanks standard.  
External 1 to 16 Gallons (3.79 to 60.6 liters) gallon tanks option.

### Dispensing of Filled and/or Abrasive Material:

Some filled materials can be used, consult factory.

### Power Requirements:

Manual operation, no air or electric needed.

### Dimensions:

Base footprint = 6 inch (152mm) Width x 10.25 inch (260mm) Length x 6 inch (152mm) Ht

### Weight:

7 lbs (3.18 kg)

### Approvals:

CE, RoHS, WEEE

### Country of Manufacturer

Machine and all components made in USA



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# PORTIONATOR<sup>®</sup> M200



## Portionator<sup>®</sup> M200 Meter/Dispense System

- METER AND DISPENSE ANY TWO COMPONENT EPOXY, URETHANE, OR SILICONE
- PULL THE HANDLE AND DISPENSE ONLY AS MUCH AS YOU NEED, EXACTLY WITH PRECISE MIX RATIO
- ELIMINATES HAND WEIGHING
- IMPROVES QUALITY CONTROL BY ELIMINATING GUESSWORK AND HUMAN ERROR OUT OF PROCESS
- ECONOMICAL ALLOWS PURCHASING MATERIAL IN BULK RATHER THEN EXPENSIVE CARTRIDGES
- WIDE MIX RATIO FROM 1:1 TO 100:5
- EASY ADJUST MIX RATIO WITH OUR PATENTED SLIDER SCALE
- HEATED TANK OPTION AVAILABLE FOR THICK MATERIALS AND COLD FACTORIES
- COMPACT BENCH TOP SIZE
- ROBUST INDUSTRIAL DESIGN
- OVER 10,000 MACHINES INSTALLED

GLENMARC FOUNDED 1968  
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MACHINE EXPERIENCE

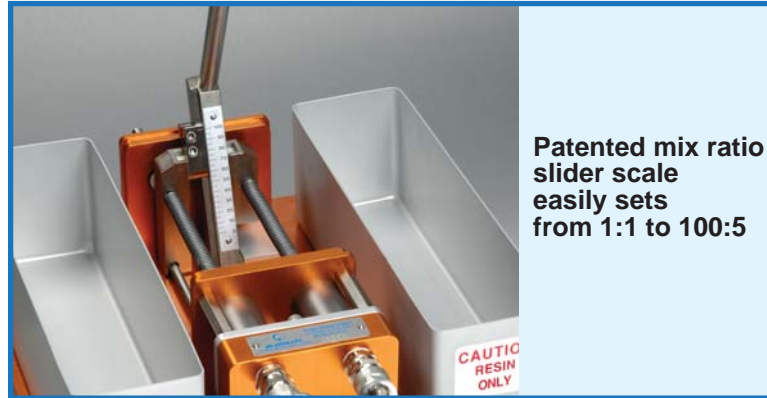


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# Portionator® M200 Meter/Dispense System



Patented mix ratio  
slider scale  
easily sets  
from 1:1 to 100:5

## PORTIONATOR M200 SPECIFICATIONS:

### Material Viscosity:

No minimum viscosity, maximum viscosity (around 50,000 cps) basically any pourable or self-leveling liquid. Also some thicker materials and pastes can be used, consult factory.

### Shot Size Range:

Minimum shot approximately 6-8 cc. (Depending on ratio)  
Maximum shot approximately 60cc (approximately 32cc per piston on full stroke)  
Dispense infinite amount by using multiple strokes.

### Shot Time:

Up to 10 shots/minute.  
Average approximately 4-6 shots/minute.  
This depends on material viscosity, shot size, and operator experience.

### Shot cycle Initiate:

Manual lever pull system

### Dispense and Ratio Accuracy:

Plus or minus 1% to 5%

### Dispensing System:

Highly Accurate Positive displacement pump.

### Reservoir Capacity:

2 Quart (1.89 liters) each resin and hardener tanks standard.  
External 1 to 16 Gallons (3.79 to 60.6 liters) gallon tanks option. Heaters are available.

### Dispensing of Filled and/or Abrasive Material:

Some filled materials can be used, consult factory.

### Heated Tank:

Heated tank option available. Keeps material in tanks at constant 120°F (49°C).

### Power Requirements:

Manual operation, no air or electric needed.  
For heater option 115 VAC at 5 amps or 220 VAC at 2.5 amps required.

### Dimensions:

Base footprint = 12 inch (305mm) Width x 12.5 inch (318mm) Length x 8 inch (203mm) Ht

### Weight:

18 lbs (8.17 kg)

### Approvals:

CE, RoHS, WEEE

### Country of Manufacturer

Machine and all components made in USA



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# PORTIONATOR<sup>®</sup> AM200



## Portionator<sup>®</sup> AM200 Meter/Mix/Dispense System

- AUTOMATICALLY METER MIX ANY TWO COMPONENT EPOXY, URETHANE, OR SILICONE
- ELIMINATES HAND WEIGHING AND HAND MIXING
- IMPROVES QUALITY CONTROL BY ELIMINATING GUESSWORK AND HUMAN ERROR OUT OF PROCESS
- USES EASY CLEAN UP DISPOSABLE MIX TUBES
- WIDE MIX RATIO FROM 1:1 TO 100:5
- EASY ADJUST MIX RATIO WITH OUR PATENTED SLIDER SCALE
- BUILT IN RELIABLE MIX RATIO CHECK SYSTEM
- UNIQUE MIX HEAD MANIFOLD DESIGN ALLOWS FAST CLEAN UP AND SET UP
- EASILY ADJUSTABLE SHOT SIZE
- COMPACT BENCH TOP SIZE
- ROBUST INDUSTRIAL DESIGN
- OVER 10,000 MACHINES INSTALLED

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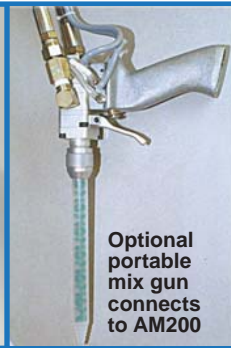


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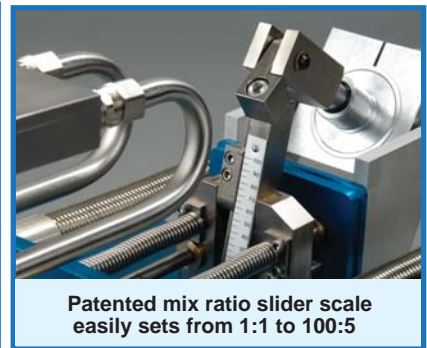
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# Portionator® AM200 Meter/Mix/Dispense System



Optional portable mix gun connects to AM200



Patented mix ratio slider scale easily sets from 1:1 to 100:5

## PORTIONATOR AM200 SPECIFICATIONS:

### Material Viscosity:

No minimum viscosity, maximum viscosity (around 50,000 cps) basically any pourable or self-leveling liquid. Also some thicker materials and pastes can be used, consult factory.

### Shot Size Range:

Minimum shot approximately 6-8 cc. (Depending on ratio)  
Maximum shot approximately 60cc (approximately 32cc per piston on full stroke)  
Dispense infinite amount by using multiple strokes.

### Shot Time:

Up to 20 shots/minute.  
Average approximately 4-6 shots/minute.  
This depends on material viscosity and shot size.

### Shot cycle Initiate:

Foot pedal standard, portable hand mix gun and PLC relay optional.

### Dispense and Ratio Accuracy:

Plus or minus 1% to 5%

### Dispensing System:

Highly Accurate Positive displacement pump.

### Reservoir Capacity:

2 Gallon (7.57 liters) Stainless steel resin/hardener tanks standard.  
1 to 16 Gallon (3.79 to 60.6 liters) option. Heaters and agitators are available.  
All tanks are A.S.M.E. rated and certified.

### Dispensing of Filled and/or Abrasive Material:

Some filled materials can be used, consult factory.

### Electronic controls:

PLC computer controllers with color graphic display w/touch screen available for factory automation, allows preset shot sizes, consult factory.

### Power Requirements:

Air operation, no electric needed. Air needed Maximum 80 psi at 2CFM.

### Dimensions:

Base footprint = 12 inch (305mm) Width x 12.5 inch (318mm) Length x 12 inch (305mm) Ht  
2 Gallon tank = 9.5 inch (241mm) Diameter x 18 inch (457mm) Ht

### Weight:

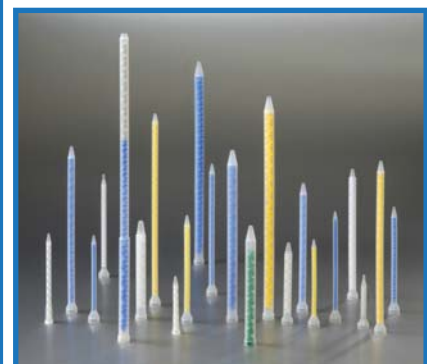
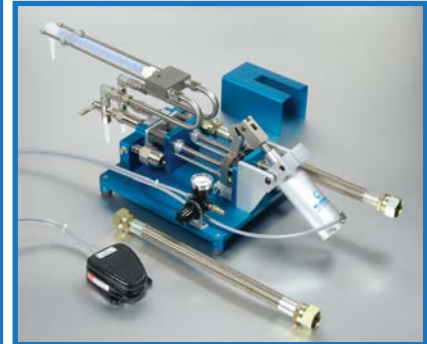
Base unit and qty two 2 Gallon tanks (empty) = 65 lbs (29.5 kg)

### Approvals:

CE, RoHS, WEEE

### Country of Manufacturer:

Machine and all components made in USA



Full range of mix tubes available to suit any materials



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## GLENMARC PORTIONATOR A100

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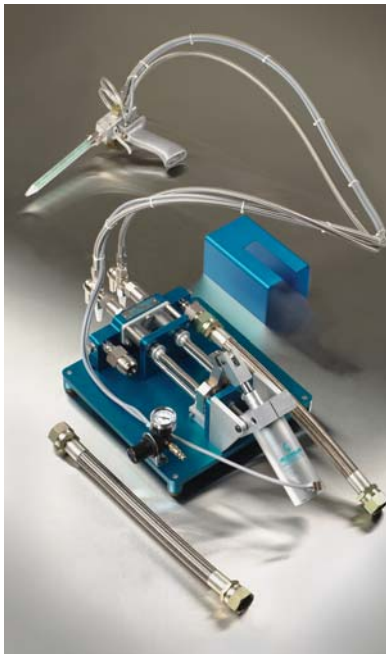


## GLENMARC AM300





## GLENMARC PORTIONATOR AM200 WITH REMOTE GUN



  
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## GLENMARC BOTTOM OUTLET PRESSURE RESERVOIR TANKS



Reservoir tank material is stainless steel fully passivated for surface free of scale and impurities, all tanks as ASME certified pressure rated and tested. They have a large oval opening with a quick opening/closing lever safety closure. Butt weld construction eliminates gaps or crevices for easy clean out, all fittings are fully welded with a fillet weld on the outside plus a seal weld on the inside to further insure product purity and strength. Includes three top 1/4" female NPT fittings located on the top head to accommodate pressure in, safety release valve, etc. Also includes a 3/4" female NPT fitting to accommodate an agitator.

Bottom outlet has large 1" NPT opening. Bottom out material feeding allows the oldest material in tank to always be the first out allowing material in tank to constantly "flush" itself out, this helps in allowing use of tanks with almost an indefinite clean out period. The large bottom outlet feed also helps when feeding thicker viscosity materials.

Available in 1, 2, and 5 gallon in stock for same day shipping.

Other volumes and sizes also available, up to 30 gallons for custom build.

Heater bands and agitators are available.

Liquid level controls are also available.



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## GLENMARC METER/MIX/DISPENSE MACHINES WITH COLOR TOUCH SCREEN / PLC UNITS

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Front view of screen/PLC enclosure



Front view of screen/PLC enclosure unit is powered up.



Internal view of screen/PLC enclosure



Glenmarc meter/mix/dispense machine with color touch screen PLC potting electronics parts for military Hummers at Swiss Controls.



Glenmarc meter/mix/dispense machine with color touch screen PLC potting electronics parts for Raytheon Missile Co..



Glenmarc meter/mix/dispense machine with color touch screen PLC potting electronics parts for smoke detectors for System Sensor Honeywell Corp.



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