

Benchmark® MC Hot Melt Systems For P.U.R. Adhesives

P.U.R. (polyurethane reactive) hot melt adhesives have been used for a long time in many applications where high-performance, high-strength and near structural bonds are required. However, most users have had few equipment alternatives other than handguns that use expensive P.U.R. cartridges... until now.

Hot Melt Technologies has developed a bulk application system that utilizes more affordable P.U.R. 2-kg. adhesive slugs. Based on our high-performance Benchmark application systems, these MC systems are industry proven to provide the performance and cost savings previously available only to high-volume users of P.U.R.'s.

Key advantages to these systems include:

- Teflon-coated, 15-lb. (2-gallon) melt tanks accept 2-kg. P.U.R. slugs
- Moisture-evacuating, self-sealing melt tank lids
- Self-contained, mobile steel cart systems with air-dry modules using standard factory air and replaceable desiccants
- Easy-to-use control panels with auto-standby control, temperature set point limits, and locking front panels
- Readily interchangeable Benchmark components to ensure continued operation
- For expert evaluation of your adhesive operations and applicator requirements; call us today at 248-853-2011



BM315MC SYSTEM
WITH MOBILE STEEL
CART AND AIR-DRY
MODULE



**Hot Melt
Technologies, Inc.**
No One Puts It Together Like HMT.

Benchmark® P.U.R.
Hot Melt System

HMT Benchmark® P.U.R. Hot Melt Systems

SPECIFICATIONS

System Type

- BM315MC: 1 hose & 1 gun
- BM515MC: 2 hoses & 2 guns

Voltage

- BM315MC: 120v, 1 ph.
- BM515MC: 220v, 1 ph.

Melt Tank Capacity

- 15 lbs. (approx. 2 gallons)

Tank Type

- Extruded Aluminum
- Melt-on-Demand
- Modular/Interchangeable
- Teflon-coated

Tank Heaters

- Cartridge Type
- Serviceable
- Interchangeable

Tank Drain & Filter Port

- Standard

Applications

- Bead or Spray
- Handgun or Automatic Gun

Temperature Control

- Microprocessor
- Solid State
- Platinum RTD

Viscosity Limits

- Up to 120,000 cps (centipoises)

Warm-up Time*

- 30 Minutes

Melt Rate*

- Up to 15 lbs./hour*

Flow Rate*

- Up to 60 lbs. /hour*

Pump Type

- Steel Spur Gear

Motor Type

- AC, Fractional HP

Approximate Weight

- 90 lbs.



Control panel supports easy operation.



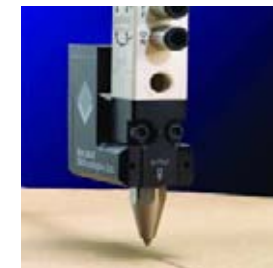
Teflon-coated melt tanks.



Air-dry modules use standard factory air and replaceable desiccants.



Use with handgun(s).



Use with automatic gun(s).

STANDARD CONTROL FEATURES

Run Temperature Display

- Dual-Function Capability
- Scan "Real Time" Temperature
- Set-Point Temperature

Run Temperature Range

- 100°F - 325°F

Zone Diagnostics

- Open Sensor
- Shorted Sensor
- Overtemp

Set-Point High Limit

Manual Standby

Auto-Standby Timer

Automatic Overtemp Shutdown

Pump Ready/Lock-out

ATTACHMENTS

Standard Hose Lengths

- 8-, 12- or 16-feet

Handgun Configurations

- Standard Hose Entry
- Top Hose Entry

Automatic Guns

- AV-600 Series

Gun Nozzles

- Bead or Spray, Interchangeable

STANDARD EQUIPMENT

Self-contained, mobile steel cart system with air-dry module using standard factory air and replaceable desiccant.

ACCESSORIES

Overhead Hose Boom & Balancer

Shot Timer & Foot Switch

* Rates will vary depending on adhesive type and viscosity as well as system configuration.

High-Performance Hot Melt Systems From An Industry Leader

Hot Melt Technologies has been a leader in the Hot Melt industry since 1981. We offer the applicators, accessories and adhesives you need to become efficient, all from a single source. And, we provide the after-purchase support you need to stay productive, job after job after job.

So, if you're seeking production expertise, value, convenience and satisfaction, remember ...



Hot Melt Technologies, Inc.

No One Puts It Together Like HMT.

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ISO 9001 – INTERNATIONAL QUALITY ASSURANCE STANDARD

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