

AltaPUR™

Adhesive Melters

Easily process small volumes of PUR from adhesive slugs.

Graphic indicators and easy-to-use controls simplify programming and system monitoring

Slug sensors provide indicators and warnings for piston status and slug status

Single-tool, quick-release fasteners on all panels and covers make maintenance quick and easy



Pneumatic piston with level indicator provides optimal contact with melting grid and visibility of PUR use

Swiveling tank lid allows quick, easy change of slugs

Highly reliable Melt-on-Demand sensor switches on/off grid heating and reservoir level sensor indicates reservoir level

Variety of precision, variable-speed gear pumps available with key-to-line

Manual or automatic pressure control or flow control bypass

AltaPUR adhesive melters simplify use of moisture-cure reactive polyurethane (PUR) hot melt adhesives in two-, three- or four-kilogram foil-encased slugs or form-liner slugs with foil bottoms. The user-friendly design offers simple, reliable operation with quick disassembly for ease of cleaning and maintenance. The “melt-on-demand” process uses only the adhesive needed so reduces thermal stress and protects bonding characteristics of the unused PUR, which remains sealed in its foil or form-liner bag. Adjustable force on the slug delivers optimal contact between adhesive and melting grid to minimize adhesive residue in empty bags. The ability to easily use small volumes of PUR helps increase productivity and reduce adhesive waste.

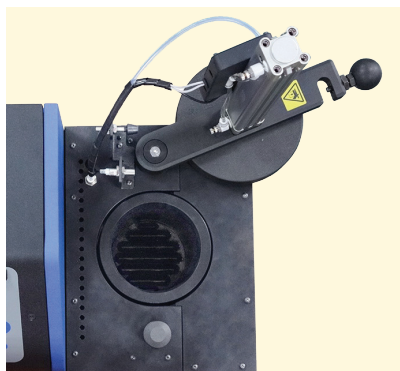
Features and Benefits

- Easy to install and operate with no inert gas requirement
- Simplify clean-up and maintenance with smooth, non-stick, release-coated surfaces and tiltable tank
- Protect adhesive bonding integrity with melt-on-demand functionality
- Maximize adhesive usage and reduce residual waste
- Protect adhesive integrity
- Provide simple shutdown procedure for overnight or weekends
- Available in two versions: standard melt rate of 4 kg/hr or high output of 6 kg/hr

Specifications

| | |
|---------------------------------------|---|
| Type of System | PUR slug melter with spur gear pump |
| Slug Diameter | 130 mm and 150 mm |
| Melt Rate | |
| Standard | 4 kg/hr (9 lb/hr) |
| High Output | 6 kg/hr (13 lb/hr) |
| Holding Capacity | One slug plus 0.75 kg reservoir |
| Maximum Pump Rate | 17.1 cc/rev. |
| Maximum Working Hydraulic Pressure | 75 bar (1100 psi) |
| Temperature Sensor | Nickel RTD (Ni120) |
| Operating Temperature Range | 40 to 190° C (100 to 374° F) |
| Ambient Temperature Range | 0 to 40° C (32 to 104° F) |
| Viscosity Range | up to 45,000 cps |
| Electrical Service | 200 VAC 1/3 phase 50/60 Hz 200 to 240 VAC 1/3 phase 50/60 Hz 380 to 415 VAC-Y (3 phase N/PE) 50/60 Hz |
| Maximum System Power Capacity | 5700 watts |
| Input/Output Capability Standard | 2 Std Inputs – programmable for function 3 Std Outputs – programmable for function Key-to-line Slug empty output |
| Number of Hose/Gun Pairs ¹ | 3 |
| Melter Dimensions (W x H x D) | 975 x 1026 x 545 mm (38.4 x 40.4 x 21.5 in.) |
| Installation Dimensions (W x H x D) | 975 x 1152 x 900 mm (38.4 x 45.5 x 35.4 in.) |
| Approximate Weight (empty) | 100 kg (220 lb) |
| Protection | IP54 |

¹ Standard Blue Series™ hoses and guns



Swiveling tank lid



Foil-encased PUR slug



Form-liner encased PUR slug



For more information, speak with your Nordson representative or contact your Nordson regional office.

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