

# PURBlue™ 4

## Adhesive Melters

Nordson® PURBlue 4 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.

### PURBlue 4 melters:

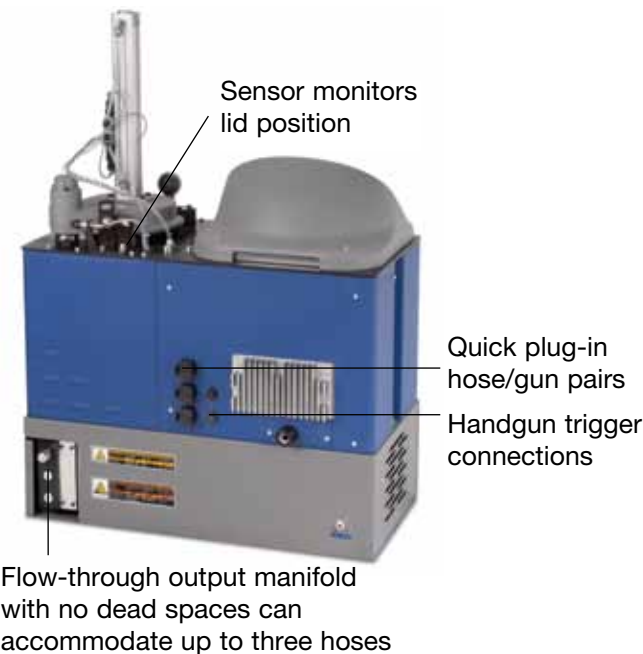
- Are easy to install and operate with no inert gas requirement
- Provide easy day-to-day operation and maintenance
- Utilize true melt-on-demand temperature control system
- Maximize adhesive usage and reduce residual waste
- Protect adhesive integrity
- Provide simple shutdown procedure for overnight or weekends



**Specifications**

Type of System	PUR slug melter with spur gear pump
Slug Diameter	125 mm and 150 mm
Melt Rate (per hour)	4 kg/hr (9 lb/hr)
Holding Capacity	One slug plus 0.75 kg reservoir
Maximum Pump Rate	7.7 cc/rev.
Maximum Working Hydraulic Pressure	75 bar (1100 psi)
Temperature Sensor	Nickel RTD (Ni120)
Operating Temperature Range	40 to 175° C (100 to 350° F)
Ambient Temperature Range	0 to 50° C (32 to 122° F)
Viscosity Range	up to 50,000 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	6000 watts
Input/Output Capability Standard	2 Std Inputs – programmable for function 3 Std Outputs – programmable for function Key-to-line
Number of Hose/Gun Pairs <sup>1</sup>	3
Melter Dimensions (W x H x D)	685 x 964 x 382 mm (27 x 37.9 x 15 in)
Installation Dimensions (W x H x D)	1112 x 964 x 782 mm (43.8 x 37.9 x 30.8 in)
Approximate Weight (empty)	97 kg (214 lb)
Protection	IP32

<sup>1</sup> Standard Blue Series™ hoses and guns



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

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