

AltaBlue™ Series Adhesive Melter

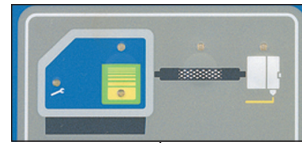


100 liter melter

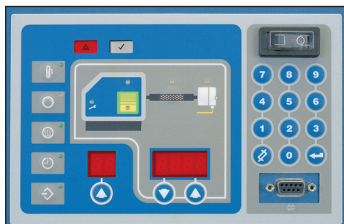
Nordson AltaBlue Series melter are designed for precise, demanding hot melt adhesive applications. A choice of single-stream or dual-stream spur gear pumps with variable-speed AC motors and key to line functionality meets a wide range of manufacturing requirements. A Teflon®-coated tank and reservoir design reduces adhesive degradation while maximizing adhesive throughput. The versatile control panel offers a choice of programming methods using either keypad or arrow keys.

AltaBlue 100 Series melter:

- Expand capacity to 100 L
- Deliver increased melt rate
- Choose up to 4 dual or single stream pumps
- Provide easy day-to-day maintenance
- Maximize uptime



Configurable low-level indicator uses single-point float design and can be monitored remotely



Easy-to-use controls eliminate complicated programming



Standard 6 hose/gun connectors, configurable to 8 hose/gun connectors for increased flexibility



Filter Replacement Indicator

Service indicators simplify maintenance scheduling



Independent variable-speed pump control provides key-to-line capability

AltaBlue™ Series 100 Liter Adhesive Melter

Specifications

Type of System	Release-coated tank and reservoir, Spur-gear pump with variable AC motor
Number of Pumps	Up to 4 dual or single stream
Maximum Pump Rate^{1 & 2}	1.4 to 82.1 kg/hr (3 to 180.6 lb/hr)
Number of Hoses/Guns	Up to 8
Filter Type	Saturn® basket-style filter
Maximum Working Hydraulic Pressure	85 bars/8.5 MPa (1230 psi)
Operating Temp. Range	40 to 230°C (100 to 450°F)
Ambient Temp. Range	0° to 50°C (32 to 122°F)
Temp. Control Stability	±1°C (2°F)
Maximum External Power Capacity	
Max. load per hose receptacle (2 channels), six hose/gun melters	1000 W, any single hose or gun 1200 W, any hose/gun pair 2000 W, sum of hose/gun pairs 1 and 2 2000 W, sum of hose/gun pairs 3 and 4 2000 W, any single hose, or gun 5 or 6 2000 W, hose/gun pair 5 or 6 4000 W, sum of hose/gun pairs 5 and 6

NOTE: Total external wattage must not exceed 8,000 W.

Max. load per hose receptacle (2 channels), eight hose/gun melters	1000 W, any single hose or gun 1200 W, any hose/gun pair 2000 W, sum of hose/gun pairs 1 and 2 2000 W, sum of hose/gun pairs 7 and 8 2000 W, any single hose, or gun 3 or 4 2000 W, any single hose, or gun 5 or 6 2000 W, hose/gun pair 3 or 4 2000 W, hose/gun pair 5 or 6 4000 W, sum of hose/gun pairs 3 and 4 4000 W, sum of hose/gun pairs 5 and 6
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NOTE: Total external wattage must not exceed 12,000 W.

¹ Actual rates will vary depending on adhesive type, application parameters and input voltage.

² Range given is for maximum pump rate of various pumps available.

³ Weight depends on melter configuration.

⁴ Permitted deviation from rated line voltage is ±10%.

⁵ With integrated transformer.



Large, accessible tank opening allows easier filling and cleaning

Quick plug-in hose/gun pairs

Electrical Service⁴	230 VAC 3-phase without neutral (Delta) 50/60 Hz 400 VAC 3-phase with neutral (star-WYE) 50/60 Hz 400 VAC 3-phase without neutral (Delta) 50/60 Hz ⁵ 480 VAC 3-phase without neutral (Delta) 50/60 Hz ⁵
Input/Output Capability Standard	3 STD outputs - programmable for function 4 STD inputs - programmable for function
Melter Dimensions (W x H x D)	1008.7 x 1470 x 1261 mm (39.7 x 57.9 x 49.7 in.)
Installation Dimensions (W x H x D)	2850 x 1470 x 3090 mm (112.2 x 57.9 x 121.7 in.)
Protection	IP33
Holding Capacity	100 L (610 in ³) 100 kg (220.2 lb)
Throughput (per hour)¹	100 kg (220.2 lb)
Melt Rate (per hour)¹	100 kg (220.2 lb)
Weight (empty)³	590 kg (1301 lb)
Maximum System Power Capacity	100L melter, six hose/gun 29,157 W 100L melter, eight hose/gun 33,157 W

Teflon is a registered trademark of E.I. DuPont de Nemours and Company.



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

United States

Dawsonville, Georgia
Telephone: (800) 727-7224
Facsimile: (706) 216-2981

Europe

Lüneburg, Germany
Telephone: (49) 4131-894-0
Facsimile: (49) 4131-894-149

Japan

Tokyo, Japan
Telephone: (81) 3-5762-2700
Facsimile: (81) 3-5762-2701

Asia/Australia/Latin America

Amherst, Ohio
Telephone: (440) 985-4496
Facsimile: (440) 985-1096

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Nordson Corporation • 12 Nordson Drive • Dawsonville, Georgia 30534-6672

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Bid on Equipment
1-847-683-7720
www.bid-on-equipment.com