

DuraBlue II™ Series Adhesive Melters

20 and 45 liter melters

Provide easy, reliable material delivery for low to mid-speed adhesive bonding processes

DuraBlue II series melters:

- Install quickly and easily
- Provide easy day-to-day operation
- Simplify routine maintenance
- Maximize uptime



Easy-to-use controls eliminate complicated programming

Easy, single-tool access panels for quicker maintenance



Large, accessible tank opening allows easier filling and cleaning

Nordson DuraBlue II series melters are designed to deliver hot melt adhesive in support of low to mid-speed production. The metering spur-gear pumps with variable-speed AC motors and key-to-line functionality satisfies a wide range of manufacturing requirements. A non-stick coated tank and reservoir design reduces adhesive degradation while maximizing adhesive throughput. The versatile control panel offers a choice of programming methods using either the keypad or arrow keys.



DuraBlue II™ Series Adhesive Melters 20 and 45 liter melters

Specifications

Type of System	Release-coated tank and reservoir Spur-gear pump with variable AC motor	
Number of Pumps	One single stream pump	
Maximum Pump Rate^{1&2}	37.1 kg/hr (81.6 lb/hr)	
Number of Hoses/Applicators	Up to six (6)	
Filter Type	Saturn basket-style filter	
Maximum Working Hydraulic Pressure	85 bars/8.5 MPa (1230 psi)	
Operating Temperature Range	40° to 230°C (100° to 450°F)	
Ambient Temperature Range	0° to 50°C (32° to 122°F)	
Temperature Sensor	Ni 120	
Temperature Control Stability	±1°C (2°F)	
Maximum External Power Capacity		
Hose/Gun Connector Positions 1-4 (each)	1,200 watts per pair/1,000 watts per channel	
Hose/Gun Connector Positions 5-6 (each)	2,000 watts per pair/2,000 watts per channel	
Electrical Service³	200 to 240 VAC 3 phase 50/60 Hz 380 to 415 VAC-Y (3 phase N/PE) 50/60 Hz	
Input/Output Capability Standard	3 outputs/4 inputs programmable for function	
Melter Dimensions (W x H x D)	1054.5 x 1230 x 600 mm (41.5 x 48.4 x 23.6 in.)	
Installation Dimensions (W x H x D)	3000 x 1278 x 2600 mm (118 x 50.3 x 102 in.)	
Protection	IP33	
	DuraBlue II 20	DuraBlue II 45
Holding Capacity	20 L (1220 in ³) 19 kg (42 lb)	45 L (2746 in ³) 43.5 kg (96 lb)
Throughput (per hour)¹	24 kg (53 lb)	54 kg (119 lb)
Melt Rate (per hour)¹	20 kg (44 lb)	40 kg (88 lb)
Weight (empty)⁴	205 kg (451 lb)	240 kg (529 lb)
Maximum System Power Capacity	14740 W	16540 W

Notes:

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 Permitted deviation from rated line voltage is ±10%.

⁴ Weight depends on melter configuration.



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

China

Pudong, Shanghai
(86) 21-3866-9166 **Phone**
(86) 21-3866-9199 **Fax**

United States

Duluth, Georgia
(800) 683-2314 **Phone**
(866) 667-3329 **Fax**

Europe

Lüneburg, Germany
(49) 4131-894-0 **Phone**
(49) 4131-894-149 **Fax**

Japan

Tokyo, Japan
(81) 3-5762-2700 **Phone**
(81) 3-5762-2701 **Fax**

Asia/Australia/ Latin America

Amherst, Ohio
(440) 985-4496 **Phone**
(440) 985-1096 **Fax**

Find us on:

