

# DuraBlue® Adhesive Melters

Nordson®


## 10 and 16 liter melters

Nordson DuraBlue melters feature fixed-speed AC motors with gerotor gear pumps for easy to operate, low-maintenance hot melt adhesive application. A Teflon® coated, tube tank eliminates dead corners and minimizes adhesive char. The versatile control panel offers a choice of programming methods using either the keypad or arrow keys.


DuraBlue melters:

- **Are easy to install**
- **Provide easy day-to-day operation**
- **Simplify routine maintenance**

*Filter Replacement Indicator*



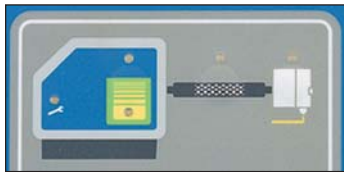
*Low Level Adhesive Indicator (Optional)*



Service indicators simplify maintenance scheduling



Large, accessible tank opening allows easier filling and cleaning



Status-at-a-glance indicators graphically display the status of the tank, hose and gun



Easy-to-use controls eliminate complicated programming



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### Specifications

<b>Type of System</b>	Tank with gerotor pump		<b>Electrical Service<sup>3</sup></b>	200 to 240 VAC 1 phase 50/60 Hz, 380 to 415 VAC-Y (3 phase N/PE) 50/60 Hz 200 to 240 VAC 3 phase 50/60 Hz	
	<b>DuraBlue 10</b>	<b>DuraBlue 16</b>	<b>Maximum System Power Capacity @240VAC</b>	<b>DuraBlue 10</b>	<b>DuraBlue 16</b>
<b>Holding Capacity</b>	10 L (610 in <sup>3</sup> ) 9.7 kg (21.4 lb)	16 L (976 in <sup>3</sup> ) 15.5 kg (34.1 lb)	<b>2 hoses/guns</b>	3915 watts	4415 watts
<b>Throughput (per hour)<sup>1</sup></b>	12.5 kg (27.5 lb)	20 kg (44 lb)	<b>4 hoses/guns</b>	5915 watts	6415 watts
<b>Melt Rate (per hour)<sup>1</sup></b>	7.7 kg (17 lb)	11.2 kg (24.7 lb)	<b>Approx. Weight (empty)</b>	76 kg (168 lbs)	80 kg (175 lbs)
<b>Maximum Pump Rate (per hour)<sup>2</sup></b>	22 or 35 kg (48 or 77 lb)		<b>Input/Output Capability Standard</b>	3 STD Outputs - programmable for function 4 STD Inputs - programmable for function	
<b>Number of Hoses/Guns</b>	2 or 4		<b>Dimensions (W x H x D)</b>		
<b>Filter Type</b>	Saturn® basket-style filter		<b>Melter Installation</b>	441 x 649 x 620 mm (17.4 x 25.5 x 24.4 in) 644 x 861 x 1126 mm (25.4 x 33.9 x 44.3 in)	
<b>Maximum Working Hydraulic Pressure</b>	75 bar/7.5 MPa (1100 psi)				
<b>Operating Temperature Range</b>	40 to 230°C (100 to 450°F)				
<b>Ambient Temperature Range</b>	0 to 50°C (32 to 122°F)				
<b>Temperature Control Stability</b>	±0.5°C (1°F)				

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

<sup>2</sup> Values shown for melter @ 60 Hz.

<sup>3</sup> Permitted deviation from rated line voltage is ±10%.

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



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