

ProBlue® Adhesive Melters

4, 7 and 10 liter melters

Nordson ProBlue melters help you maximize uptime and minimize operating costs with flexible design and simple operation



Installation is quick and easy. Compact size and a patented, centrally located manifold that allows hoses to run right or left means ProBlue melters fit on virtually any packaging line.

Quick-disconnect power and I/O plugs and a patented, quick-release base design further simplify set up.

Plus, plug-in modules let you add or subtract hoses and guns to meet changing production needs.

Daily operation and maintenance are simple. A non-stick, coated tank with three-sided access allows easy, clean filling.

Graphical controls feature service indicators for maintenance scheduling and status-at-a-glance indicators for ready, fault and service as well as tank, hose and gun temperature.

A disposable filter eliminates the need for routine filter flushing while helping prevent debris and contaminants in adhesive from reaching your products.

Operator safety is improved with a patented automatic pressure discharge (APD) valve that relieves pressure into the melter tank in seconds.



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Specifications

Type of System	Non-circulating tank (15:1 SP-style piston pump)
Maximum Pump Rate	32.7 kg/hr (72 lb/hr)
Filter Type	Saturn® basket-style filter
Maximum Working Hydraulic Pressure	8.7 MPa (1260 psi)
Temperature Range	40 to 230°C (100 to 450°F)
Ambient Temp. Range	0 to 50°C (32 to 122°F)
Temp. Control Stability	±0.5°C (1°F)
Input/Output Capability	3 standard outputs - programmable for function
Standard	4 standard inputs - programmable for function

Note: Integrated fill system versions available

	ProBlue 4	ProBlue 7	ProBlue 10
Hose Ports	5	5	9
Electrical Service	200 to 240 VAC	200 to 240 VAC	200 to 240 VAC
Standard	1 or 3 phase 50/60 Hz 200 to 240 VAC	1 or 3 phase 50/60 Hz 200 to 240 VAC	1 or 3 phase 50/60 Hz 200 to 240 VAC
	1 phase N/PE 50/60 Hz 400/230 VAC	1 phase N/PE 50/60 Hz 400/230 VAC	1 phase N/PE 50/60 Hz 400/230 VAC
	3 phase N/PE 50/60 Hz	3 phase N/PE 50/60 Hz	3 phase N/PE 50/60 Hz
w/ Opt. Transformer	400 or 480 VAC 3 phase 50/60 Hz	400 or 480 VAC 3 phase 50/60 Hz	400 or 480 VAC 3 phase 50/60 Hz
Holding Capacity	3.9 kg (8.6 lb)	6.8 kg (15 lb)	9.7 kg (21.4 lb)
Melt Rate (per hour)	4.3 kg (9.5 lb)	8.2 kg (18 lb)	11 kg (24 lb)
Throughput (per hour)	6.8 kg (15 lb)	10.9 kg (24 lb)	12.4 kg (27.3 lb)
Volume	4 liter (244 in ³)	7 liter (427 in ³)	10 liter (610 in ³)
Max. System Power Capacity			
2 hoses/guns	4000 watts	4200 watts	4200 watts
4 hoses/guns	6000 watts	6200 watts	6200 watts
6 hoses/guns	N/A	N/A	8200 watts
Melter Weight (empty)	42 kg (93 lb)	43 kg (95 lb)	45 kg (99 lb)
Dimensions WxHxD			
Unit mm(in)	547 x 469 x 318 (21.5 x 18.5 x 12.5)	609 x 469 x 322 (24 x 18.5 x 12.7)	613 x 505 x 344 (24.1 x 19.9 x 13.5)
Mounting mm(in)	381 x 249 (15 x 9.8)	381 x 249 (15 x 9.8)	381 x 249 (15 x 9.8)
Installation mm(in)	648 x 502 x 362 (25.5 x 19.75 x 14.25)	711x 564 x 370 (28 x 22.2 x 14.5)	714 x 656 x 391 (28.1 x 25.8 x 15.4)



Nordson Corporation
11475 Lakefield Drive
Duluth, GA 30097-1511

(800) 683-2314
nordson.com/hotmelt

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

United States

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

Canada

Markham, Ontario
(800) 463-3200 Phone
(905) 475-8821 Fax

Europe

Erkrath, Germany
(49) 211-9205-0 Phone
(49) 211-254658 Fax

Japan

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

Asia/Australia/ Latin America

Amherst, Ohio
(440) 985-4797 Phone
(440) 985-1096 Fax

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