

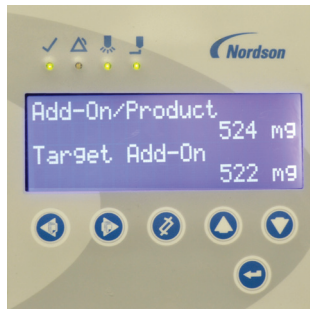
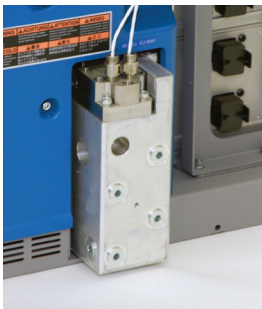
ProBlue[®] ATS Melters

4, 7 and 10 Liter Melters with Adhesive Process Control

Combine simple operation with an adhesive tracking system (ATS) to maximize uptime, optimize adhesive consumption and improve production efficiency



- Installation is quick and easy. Compact size and a 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 quick-release base design further simplify set up.
- Plug-in modules let you add or subtract hoses and guns to meet changing production needs.
- A disposable filter eliminates the need for routine filter flushing while helping prevent debris and contaminants in adhesive from reaching your products.
- An integrated precision gear flow meter directly measures adhesive volume, and the system output signal can be used to stop the line, eject product or signal a light tower.
- Maintain the proper adhesive deposit on each and every package to increase production efficiency and quality.
- Track total adhesive consumption, per package add-on weight, total number of products and out-of-tolerance products.
- Operator safety is improved with an automatic pressure discharge (APD) valve that relieves pressure into the melter tank in seconds.
- Reduce costs by identifying adhesive and product waste.
- Monitor and control in real time via optional Ethernet IP & Fieldbus; download historical data via USB
- User adjustable adhesive volume upper and lower tolerance band limits to identify out-of-tolerance product



ProBlue® ATS Melters 4, 7 and 10 Liter Melters with Adhesive Process Control

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	10.3 MPa (1500 psi)
Temperature Range	40 to 204°C (100 to 400°F)
Ambient Temp. Range	0 to 50°C (32 to 122°F)
Temp. Control Stability	±0.5°C (1°F)
Input/Output Capability Standard	4 inputs & 3 outputs - come as standard; 10 inputs and 7 outputs - with optional expansion board; Ethernet IP & Fieldbus optional

Flow Meter

Flow Range	0.5 cc to 500 cc/min (0.03–29.9 kg/hr or 0.07–65.9 lb/hr) (assuming SG = 1.0)
Displacement	1.0 cc/rev = 1 g/rev = 0.001 kg/rev = 0.0022 lb/rev (assuming SG = 1.0)
Resolution	25mCC (25 mg or .055 lb, assuming sg = 1.0)
Viscosity Range	600 to 10,000 cps
Output Signals	2: enable and alarm, 24VDC sourcing (PNP), 25 mA each

	ProBlue 4	ProBlue 7	ProBlue 10
Hose Ports	5	5	9
Electrical Service Standard	200 to 240 VAC 1 or 3 phase 50/60 Hz 200 to 240 VAC	200 to 240 VAC 1 or 3 phase 50/60 Hz 200 to 240 VAC	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)

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