

ProBlue® 30 and 50 Adhesive Melters



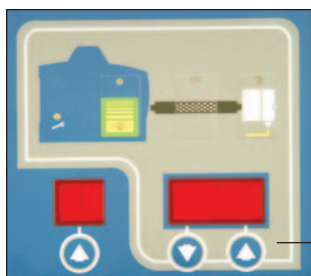
30 and 50 liter melters

Nordson ProBlue melters are simple, compact and designed to maximize uptime and reduce operating costs. These rugged, flexible, non-handed melters fit virtually any packaging line.

ProBlue melters:

- **Simplify daily operations**
- **Cost less to maintain**
- **Install quickly and easily**

Two stage melt zones help reduce char build-up in the tank and provide stable manifold outlet temperatures

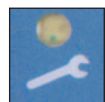


Easy-to-use controls



Status-at-a-glance indicators highlight: ready, fault, service and temperature status for tank, hose and gun

Service indicators simplify maintenance scheduling



Filter Replacement Indicator



Low-level Adhesive Indicator



Disposable filter eliminates routine filter flushing



Automatic pressure discharge (APD) valve safely relieves pressure into the tank in seconds

ProBlue® 30 and 50 Adhesive Melters

Specifications

Type of System	Non-circulating tank (SP-style piston pump)
Maximum Pump Rate	Ratio: 16:1
High Output Dual-Acting	Maximum Output: 60 kg/hr (130 lb/hr)
Hose Ports	9
Filter Type	Saturn® basket-style filter
Maximum Working Hydraulic Pressure	10 MPa (1450 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)
Electrical Service Standard	200 to 240 VAC 3 phase 50/60 Hz 400/230 VAC (3 phase N/PE) 50/60 Hz
w/Optional 1 phase*	200 to 240 VAC 1 phase 50/60 Hz 200 to 240 VAC (1 phase N/PE) 50/60 Hz

Maximum System Power Capacity at 240 VAC

2 hoses/guns	6000 watts
4 hoses/guns	8000 watts
6 hoses/guns	10,000 watts

Input/Output Capability Standard

3 standard outputs - programmable for function
4 standard inputs - programmable for function

Mount Dimensions

669 x 249 mm (26.3 x 9.8 in)

Holding Capacity

ProBlue 30	ProBlue 50
30 L (1,831 in ³)	50 L (3,051 in ³)
29 kg (64 lb)	48.5 kg (107 lb)

Melt Rate (per hour) Throughput (per hour) Weight (empty)

27 kg (60 lb)	28.6 kg (63 lb)
27 kg (60 hr)	28.6 kg (63 lb)
81.6 kg (180 lb)	87 kg (192 lb)

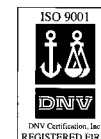
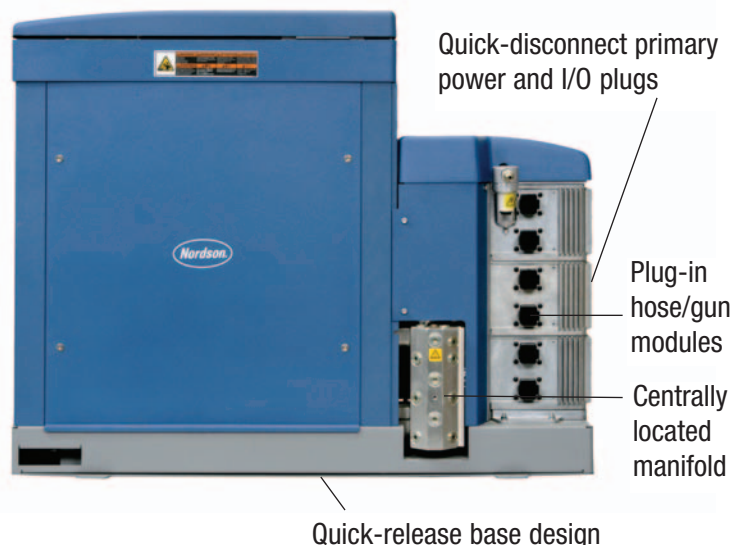
Dimensions – Unit

Width	952 mm (37.5 in)	952 mm (37.5 in)
Height	548 mm (21.6 in)	751 mm (29.6 in)
Depth	345 mm (13.6 in)	345 mm (13.6 in)

Dimensions – Installation

Width	1044 mm (41.1 in)	1044 mm (41.1 in)
Height	859 mm (33.8 in)	1062 mm (41.8 in)
Depth	392 mm (15.4 in)	392 mm (15.4 in)

*Single phase: Maximum 4 hose/gun capacity



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