

DuraBlue™ L Series Adhesive Melter Systems



4 liter melter

DuraBlue melter systems provide everything needed to begin adhesive application immediately: melter, hose, gun and nozzle. The hose and gun arrive assembled as a single part. To begin using the DuraBlue melter system, simply connect the hose/gun assembly to the melter, mechanically and electrically, and supply power through the attached electrical cord.

A choice of guns meets virtually any manual or semi-automatic manufacturing requirement. The gun choices provide for flexibility of triggering options, either hand or foot control. A selection of hose lengths provides additional adaptability to meet specific production needs. The DuraBlue melters feature fixed-speed AC motors with gerotor gear pumps and are easy to install, operate and maintain.

DuraBlue melter systems:

- Ship in a single box
- Are easy to install
- Provide easy day-to-day operation
- Simplify routine maintenance

Gun choices include:

- AD-31 handgun
- AD-41 handgun
(extrusion or swirl nozzle)
- B900-N gun with foot switch
(extrusion or swirl nozzle)
- L6-N handgun/hose



Specifications

Type of System	Tank with gerotor pump
Holding Capacity	4 L (244 in ³) 3.9 kg (8.6 lb)
Throughput (per hour) ¹	6.3 kg (13.9 lb)
Melt Rate (per hour) ¹	4.7 kg (10.3 lb)
Maximum Pump Rate (per hour) ²	22 kg (48 lb)
Number of Hoses/Guns ³	1 standard
Maximum Working Hydraulic Pressure	40 bars (600 psi)
Operating Temperature Range	40 to 230°C (100 to 450°F)
Ambient Temperature Range	0 to 50°C (32 to 122°F)
Temperature Control Stability	±0.5°C (1°F)
Electrical Service ⁴	120 VAC single phase 60 Hz, 200 to 240 VAC single phase 50/60 Hz
Maximum System Power Capacity	
@120 VAC	2400 watts
@240 VAC	3355 watts
Approx. Melter Weight (empty) ⁵	42 kg (92 lbs)
Melter Dimensions	
Width	334 mm (13.1 in.)
Height	478 mm (18.8 in.)
Depth	552 mm (21.7 in.)

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

² Values shown for melter @ 60 Hz.

³ The DuraBlue system comes standard with one hose/gun; a second hose/gun can be purchased separately.

⁴ Permitted deviation from rated line voltage is ±10%.

⁵ Total system weight varies by hose/gun combination.



AD-31 handgun



*AD-41 handgun
(shown w/ swirl adapter)*



B900-N gun



L6-N handgun/hose



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

United States

Duluth, Georgia
Telephone: (800) 683-2314
Toll-free Facsimile:
(866) 667-3329

Canada

Markham, Ontario
Telephone: (800) 463-3200
Facsimile: (905) 475-8821

Europe

Lüneburg, Germany
Telephone: (49) 4131-894-0
Facsimile: (49) 4131-894-149

Japan

Tokyo, Japan
Telephone: (81) 3-5762-2700
Facsimile: (81) 3-5762-2701

Asia/Australia/ Latin America

Amherst, Ohio
Telephone: (440) 985-4797
Facsimile: (440) 985-1096

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Nordson Corporation • 11475 Lakefield Drive • Duluth, Georgia 30097-1511