

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)



DuraBlue™ L Series Adhesive Melter Systems

Specifications

Type of System	Tank with gerotor pump
Holding Capacity	4 L 3.9 kg
Throughput¹	6.3 kg/hr
Melt Rate¹	4.7 kg/hr
Maximum Pump Rate²	18 kg/hr
Number of Hoses/Guns³	1 standard
Maximum Working Hydraulic Pressure	40 bar
Operating Temperature Range	40 to 230°C
Ambient Temperature Range	0 to 50°C
Temperature Control Stability	±0.5°C
Electrical Service⁴	200 to 240 VAC single phase 50/60 Hz
Maximum System Power Capacity @240 VAC	3355 watts
Approx. Melter Weight (empty)⁵	42 kg
Melter Dimensions	
Width	334 mm
Height	478 mm
Depth	552 mm



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

² Values shown for melter @ 50 Hz; values are higher @ 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.



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

www.nordson.com



When you expect more.®

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