DuraBlue® L
Adhesive Melter Systems

4 liter melter

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)
- L6-N handgun/hose

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.
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Specifications
Type of System          Tank with gerotor pump
Holding Capacity
  4 L (244 in³)
  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.