

AltaBlue™ TT Adhesive Melters



10-liter melters with dual stream pumps

Nordson® AltaBlue 10 TT melters with dual stream pumps feature variable speed AC motors and key-to-line capability in a compact melter design. A choice of three different displacement dual stream pumps satisfy a wide range of manufacturing requirements. AltaBlue TT melters meet the need for an easy-to-operate, low-maintenance melter to precisely deliver a wide variety of hot melt adhesives. A tubular Teflon®-coated tank eliminates dead corners and minimizes adhesive degradation. The versatile, full-feature control panel offers a choice of programming methods using either the keypad or arrow keys and intuitively displays system status.

AltaBlue TT melters:

- Are easy to install
- Provide easy day-to-day operation
- Simplify routine maintenance

Maintenance
Indicator



Low Level
Adhesive
Indicator
(Optional)

Service indicators simplify
maintenance scheduling



Status-at-a-glance indicators
graphically display the status
of the tank, hose and gun



Large, accessible tank opening allows easier
filling and cleaning



Variable speed pump
control and RPM display
provides key-to-line
capability



Easy-to-use controls eliminate
complicated programming



AltaBlue™ 10 TT Adhesive Melters with dual stream pumps

Specifications

| | | | |
|---|---|-----------------|------------------|
| Type of System | Tank with dual stream spur-gear pump | | |
| Filter Type | Saturn® basket-style filter (1 per stream) | | |
| Maximum Working Hydraulic Pressure | 75 bar/7.5 Mpa (1100 psi) per stream | | |
| 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) | | |
| Holding Capacity | 10 L (610 in³) 9.7 kg (21.4 lb) | | |
| Throughput (per hour) ¹ | 12.5 kg (27.5 lb) | | |
| Melt Rate (per hour) ¹ | 7.7 kg (17 lb) | | |
| Pump Sizes (cc/rev/stream) | 0.31 | 0.62 | 1.86 |
| Maximum Pump Rate (per hour per stream) | 1.4 kg (3.1 lb) | 2.8 kg (6.2 lb) | 8.5 kg (18.7 lb) |
| Number of Hoses/Guns | 4 maximum (2 per stream) | | |
| Electrical Service ² | 200 to 240 VAC 1/3 phase 50/60 Hz 380 to 415 VAC-Y (3 phase N/PE) 50/60 Hz | | |

Maximum System Power Capacity @ 240 VAC
2 hoses-guns/stream

5915 watts

Approx. Weight (empty)

76 kg (168 lb)

Input/Output Capability Standard

Key-to-line (0-10 VDC)
4 Std Inputs - programmable for function
3 Std Outputs-programmable for function

Melter Dimensions

| | |
|--------|-------------------|
| Width | 441 mm (17.4 in.) |
| Height | 649 mm (25.5 in.) |
| Depth | 620 mm (24.4 in.) |

Installation Dimensions

| | |
|--------|--------------------|
| Width | 644 mm (25.4 in.) |
| Height | 861 mm (33.9 in.) |
| Depth | 1126 mm (44.3 in.) |

Quick plug-in hose/gun pairs



Disposable filters eliminates routine filter flushing

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

² Permitted deviation from rated line voltage is ±10%.

Teflon is a registered trademark of E.I. DuPont de Nemours and Company



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