

MC 7 Adhesive Application System



The system designed for the processing of moisture-curing reactive (PUR) hot melts without production interruptions for adhesive refilling.



The MC 7 application system offers users a wide variety of functions to efficiently handle PUR applications under varying production requirements while increasing product quality and productivity.

The system is ideally suited for applications with a melt rate of up to 2 - 3 kg/hr / 6.5 lb/hr and a pump rate of maximum 560 g/min / 1,23 lb/min.

The new pressurized lid design and pressurized inert gas blanket protect adhesive from moisture to prevent premature curing. Operation cost can be reduced by using air from the optional air dryer instead of inert gas.

An automated gas monitoring system prevents adhesive from curing during times of inactivity such as weekends, simplifying startup.

Another standard feature of the system is the microprocessor-based PID temperature control that informs users at a glance about actual and setpoint temperature values.

Temperature setback for all heated zones minimizes char formation and protects adhesive characteristics during periods of inactivity.

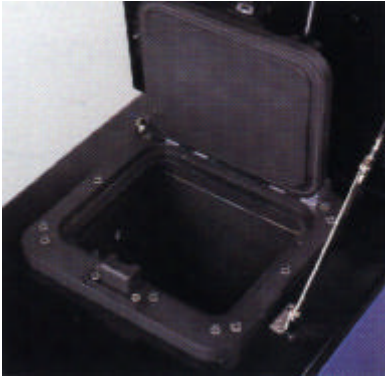
Standard Features

- Manual temperature setback
- Under-/overtemperature monitoring of all channels
- Sequential startup
- Self-test program with error diagnosis
- Temperature sensor adjustment
- Temperature sensor interrupt and short circuit indicator
- All-channel scan
- Inert gas control
- Machine hour counter
- 24 hour gas supply
- Unique pressure lid design
- IP 43-rated
- Mechanical pressure control valve

Option

- Air dryer

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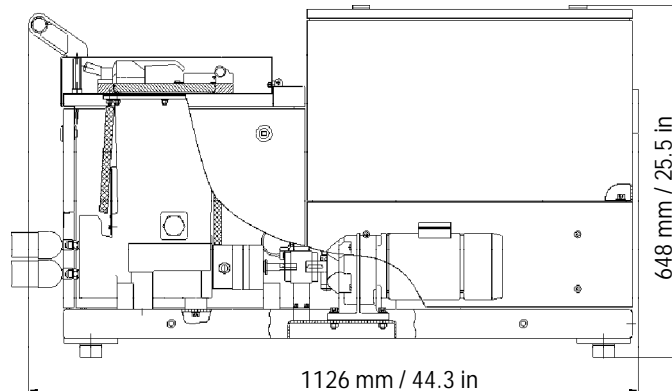
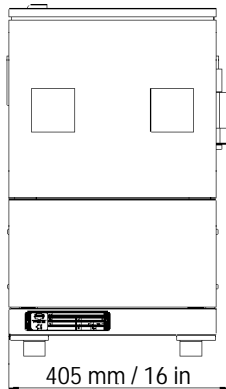


The unique pressurized inert gas lid design protects adhesive from moisture to prevent premature curing.



The hot melt tank is lined with an anti-stick coating facilitating the removal of residual adhesive.

Dimensions



Specifications

Drive	Tank opening dimensions	Holding capacity	Melt rate ¹⁾	Pump rate ²⁾	Electrical service	Heating power	Operating temperature ³⁾	Viscosity range
WS 370	160 x 190 mm 6.4 x 7.5 in	6 kg 13 lb	2 - 3 kg/h 4.4 - 6.6 lb/hr	max. 560 g/min 1.23 lb/min	3x400 V _{AC} Y 3x230 V _{AC} D	2000 W	50 - 150 °C 122 - 300 °F	1.000 - 50.000 cps

1) Depending on adhesive type

2) Depending on selected pump type

3) Can be upgraded to 200 °C / 392 °F

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

United States
Duluth, Georgia
Tel. (800) 683-2314
Fax (770) 497-3733

Canada
Markham, Ontario
Tel. (905) 475-6730
Fax (905) 475-8821

Europe
Erkrath, Germany
Tel. (49) 211-92 05-0
Fax (49) 211-254658

Japan
Tokyo, Japan
Tel. (81) 3-5762-2700
Fax (81) 3-5762-2701

Asia/Australia/
Latin America
Duluth, Georgia
Tel. (770) 497-3400
Fax (770) 497-3588



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