

ProcessMate™ 6500 Temperature Control Unit

Quick Start Guide

Electronic pdf files of Nordson EFD manuals are also available at www.nordsonefd.com.

Easy 7-Step Setup

Follow these steps to get your ProcessMate Temperature Control System ready for operation.



Unpack the Unit / Warranty

1

- Use the checklist enclosed with the ProcessMate to identify all items. If there is any discrepancy, please call us immediately.
- Now is a good time to activate your extended One Year No-Fault Warranty. Register the warranty online at www.nordsonefd.com/warranty/dispensers/one.

Connect Power

2

- Connect the power plug to the power pack. The unit is shipped with a USA-compatible plug and three international plugs. Attach the correct plug to match local power outlets.
- Connect the power cord into the back of the ProcessMate.
- Connect the power cord into your local power source.



Connect Air Input

3

NOTE: Clean, dry, filtered factory air is necessary to meet warranty requirements. If your air supply is not filtered, order the EFD five-micron filter regulator (P/N 7016547).

- Push one end of the air input hose into the input fitting on the back of the ProcessMate.
- Connect the other end of the hose to your plant air supply.
- Set plant air supply within 5.5 to 6.9 bar (80 to 100 psi).
- **DO NOT exceed 7.5 bar (110 psi), or damage to the unit may occur.**



Connect Thermocouple

4

- Plug the K-type thermocouple lead into the back panel of the ProcessMate.
- Connect the other end of the lead to process hardware.

Option: Can route lead with either air line tubing inside insulation. See Step 5.

NOTE: Longer thermocouple leads may be used when required. These are available from a variety of sources in many lengths. Only K-Type thermocouple leads should be used with the ProcessMate. Using a different type will result in incorrect temperatures.



Attach Temp. Control Feed Lines

5

- Slide the insulation over the cold feed line.
- Slide the insulation over the hot feed line.
- **Option:** Can route thermocouple lead with either hot or cold feed line.
- Insert the cold feed line into the cold process fitting.
- Insert the hot feed line into the hot process fitting.



Connect Exhaust Mufflers

6

- Insert a muffler into each exhaust port for both cold and hot feed exhausts.

NOTE: Tubing can be purchased as an accessory to route for remote exhaust in lieu of mufflers.



Operation

7

- Turn the power switch to the ON position.
- Turn air switch to ADJ AIR. Turn the knob labeled with +/- markings to allow more or less air to reach the desired pressure.
- Press the UP/DOWN button on the front panel display to desired dispensing temperature. (Hold down button for rapid increase / decrease.)



Helpful Hints

See Operating Manual for additional information and frequently asked questions.



For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to www.nordsonefd.com.

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