



# E-400 Electric Gun

*High Speed E-400 electric guns for bead application at superior accuracy and repeatability to minimize costs.*

## Features of Nordson E-400 electric guns:

- **Accurately** dispenses adhesive at cycles of less than 10 milliseconds.
- **Delivers** superior repeatability of fine beads for greater pattern control and consistency.
- **Electrical quick-disconnects** speed installation and servicing.
- **Service life** can be four times that of pneumatic guns, reducing replacement costs.
- **Electric actuation** eliminates use of compressed air, lowering operational costs.
- **Driver** is equipped with a PC interface for simple and convenient programming.
- **Diagnostic capability of driver** indicates existence of fault conditions, minimizing maintenance issues and troubleshooting time.
- **RTD sensor** produces reliable temperature readings for consistent adhesive flow and uniform patterns.



The new E-400 electric gun is ideal for high-speed bead applications. Capable of delivering fine bead patterns, E-400 guns accurately dispense adhesive at cycle rates below 10 milliseconds.

E-400 guns accommodate a wide range of viscosities and deliver superior repeatability of bead patterns for greater pattern control and consistency. Service life can be fourfold compared to pneumatic guns, which maximizes productivity and reduces replacement costs.

The E-400 driver optimizes gun performance and application versatility. The driver is equipped with a PC interface allowing users to easily program settings by entering application requirements directly from a computer to the driver. Electrical quick-disconnects speed installation and servicing, as does the gun's quick-change heater and sensor. The resistance temperature detection sensor provides precise temperature measurement.

# E-400 Electric Gun

## Gun Specifications

**Maximum Hydraulic Pressure:** up to 1,200 psi

**Working Viscosity<sup>1</sup>:** up to 7,500 cps

**Electrical Connections:** Quick-disconnects

**Operating Temperature:** 175° C (350° F) Nominal

**Electrical Service:** 220-240 VAC 50/60 Hz

**Heating Method:** Quick change cartridge heater with armor

## Driver Specifications

**Capacity:** 1 Channel, maximum 3 modules

**Electrical Service:** 170 - 264 VAC, 50/60 Hz

**Maximum Power Requirement:** 95 Watts

**Input Line Fuses:** 2 Amps

**Trigger Source Options:** 24 VDC and 5 VDC

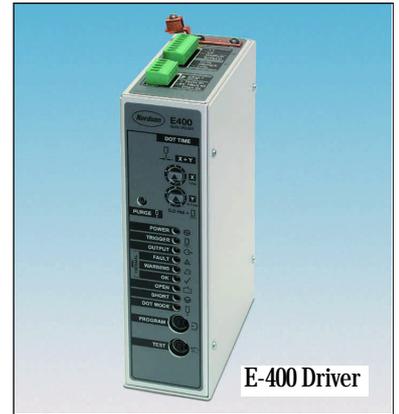
**Enclosure rating:** IP-20

Notes:

<sup>1</sup> Performance is affected by viscosity. At 50 % on time, the following cycle rates are recommended for maximum repeatability:

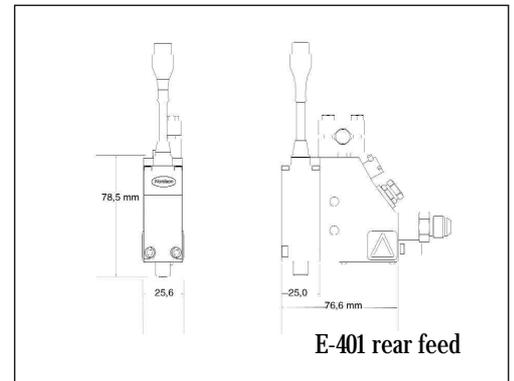
Viscosity (cps)	Cycle Rate (cpm)
1000	3900
2000	3500
3000	3100
5000	2600

At 150° C (300°F)

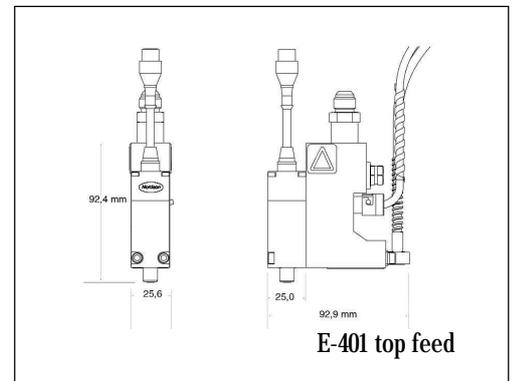


E-400 Driver

## Dimensions



E-401 rear feed



E-401 top feed



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

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