The L4 handgun is a versatile, manual applicator for dispensing hot melt adhesives, sealants and other thermoplastic materials. The L4 gun extrudes adhesive dots or beads for packaging, product assembly and sealant applications.

Designed with the operator in mind, the L4 handgun weighs less than two pounds. The cool touch handle contains no heated components or adhesive flow paths to cause operator discomfort. All heated components are enclosed within the exterior shell.

For demanding applications, the durable L4 handgun features an impact-resistant molded shell for extended life. A 360°-swivel connector allows complete rotation about the supply hose. The swivel allows for ergonomic L4 gun operation in any direction and extends hose life by eliminating hose twisting.

Handgun temperature is accomplished by a preset fixed thermostat or RTD sensor with a solid-state temperature control. The L4 handgun is available in standard voltages and a 0.04 inch standard nozzle.

An option switch controls the pump motor with the handgun trigger. Optional extrusion nozzles and a down-apply adapter are available to fit a variety of application requirements.

Features

- All electric operation
- Lightweight and maneuverable — weighs less than two pounds
- Precise trigger action shuts off instantly — no dripping
- Continuous 360° rotation applies adhesive in any direction without hose twisting
- Large orifice nozzles eliminate clogging
- Safety trigger lock
- Cool touch handle with heated components and adhesive paths inside handgun body
- Independent temperature control with thermostat or solid-state handgun and hose assembly
- Optional pump motor switch increases pump life
- Various standard and extended nozzle sizes
- Optional adapter converts handgun for down-apply applications

Lightweight, 360° rotation handgun provides application flexibility and operator comfort.
Specifications

PHYSICAL:
Handgun Weight
1.75 lb (0.8 kg)

Gun Swivel
Non-switched 360° continuous or Switched up to 360°

TEMPERATURE CONTROL
Thermostat Models
Handgun – preset thermostat. Select 25°F (15°C) increments from 200-425°F (95-218°C)

Solid-State Models
Handgun – RTD sensor located in handgun body. Full range solid-state temperature control located in melt unit.

ELECTRICAL
Voltage
115 or 230 V
50/60 Hz, single phase

Wattage
80 W cartridge heater

PERFORMANCE:
Warm-up Time
30-45 minutes

Operating Pressure
500 psi maximum (10.34 kPa)

Viscosity
25,000 cps maximum

Operating Temperature
100-446°F (37-228°C)

NOZZLE OPTIONS:
Standard Nozzle
0.020 in (0.51 mm)
0.030 in (0.76 mm)
0.040 in (1.02 mm)
0.060 in (1.53 mm)
0.090 in (2.29 mm)

Extended Nozzle
0.042 in (1.07 mm)
0.062 in (1.55 mm)
0.090 in (2.29 mm)
0.130 in (3.30 mm)

Note: Nozzle adapters available for L1 nozzles.

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

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