

D4-e

Gear Pump Hot Melt Unit



Sophisticated technology. Striking performance.

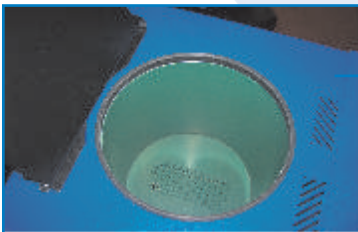
The D4-E Series unit is ideally suited for a range of packaging, paper converting, graphic arts, non-wovens, and product assembly industries. Specific applications include spray, ribbon coating, direct contact, and high-speed jetting adhesive dispensing guns.

Valco Melton's D4-e Units:

- The D4-E uses a large, reliable 1/4 horsepower motor.
- Large capacity gear pump delivers 60 lbs/hour.
- Teflon® coated tanks reduce char buildup for easy maintenance and reliable operation.
- Independent, redundant over-temperature circuits and system over-pressure protection provide safe operation.
- 100% Compatibility with industry standard hoses and guns.
- Independent control of each heated zone (up to 5) minimizes adhesive degradation and permits precise, uniform patterns.
- Compliance with major approval codes worldwide.



Solid-state controls, precise RTD temperature sensors, and thermostatic temperature control optimize system performance.



Teflon® coated tanks.



Outlets for two hoses and guns allows for user flexibility.

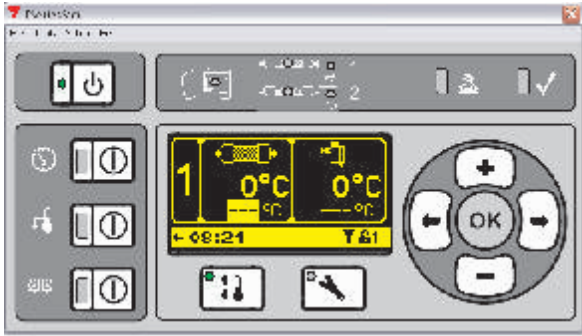


Positive displacement, motor-driven gear pump offers a continuous pulse free output.

D4-e units feature one mechanical relief valve or optional pneumatic relief valve.



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D4-e units feature an easy-to-use touch pad with a bright LCD screen which allows operators to quickly setup system parameters and monitor system operation with no confusing codes.

D4-e system touch-pad PID controller features:

- graphical display/interface
- programmable sequential zone start-up
- automatic temperature setback
- high/low temperature protection
- Fahrenheit or Celsius option
- system diagnostics
- seven-day programmable clock
- two user selectable inputs and one selectable output
- password protection for setup configuration

Technical Specifications

D4-e Characteristics	
Tank Capacity:	4.0 kg
Melt rate:	5.0 kg/hr (11.1 lbs/hr)
Motor:	1/4 HP Fixed Speed AC
Pump rate:	27 kg/hr (60 lb/h)
Temp. Range	30 - 230°C
Temp. Stability:	0.5°C
Electrical:	110/120 VAC or 200/240 VAC 20 AMP single phase with ground
Weight: (empty)	34.0 kg (75.0 lbs)
Dimensions: (WxHxD)	312mm x 424mm x 607mm (12.3in x 16.7in x 23.9in)
Gun attachments:	2

ISO 9001

QUALITY SYSTEMS



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