

In-Line Precision Fluid Dispenser

PTS precision fluid dispensing systems come with different **USA** made dispensing valves and technologies to meet Customer requirements. From time/pressure dispensing to Auger drive pumps or positive dispensing diaphragm pumps, **PTS** integrates them with build-in camera for ease in programming and fiducial recognition for board referencing, nozzle tip calibration and programmable x-y-z axis.



Nozzle tip calibration compensates Z-axis dotting height during nozzle change, maintaining consistent gap between nozzle tip and dispense surface.



Machine Specification Model: ED2000	
Machine External Dim.	Lg 1100 x W1000 x H 1500
PCB size (mm)	Lg. 400 x W 300 x Thk. 2 mm (max) Others on request
Position Motor Drives	X-Y-Z programmable axis with positional feed back system
Positional Accuracy/Speed	+/- 0.025mm /Positional speed up to 1000mm per sec.
Programable Methods	via PC with user friendly PTS software.
Controls	Windows XP
Board Warpage Correction:	Bottom support plate with top clamp.
Dots per hour.	5,000 dots (3mm matrix) or more (up to 30,000)
Interfacing	SNEMA
Camera	Build in to facilitate teaching programs and fiducial mark recognition.
Facilities	Compress Air Min 5 bars/220VAC 1 phase/2.2 KW
Dispensing Method	Time /Pressure (Standard)
Options	Auger drive, Positive dispensing Diaphragm pump, Reservoir transfer, Spray etc...
	Nozzle tip calibration
	Volumetric dispense check.
	Heater plate for underfil.
	Dam and fill

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Machine design subject to change