

Conformal Coating System

PTS selective conformal coating systems come with **USA** made dispensing and spray valves technologies to meet Customer requirements.

Using **PTS** *Evencoat* Windows XP software the system delivers a clean, cost effective, consistent and environmental friendly process. It replaces the traditional dip, brush or aerosol spray processes.



The system comes standard with a spray nozzle with solvent and purge cups. Additional dispensing head comes as options.

When linked with **PTS** Board Loader and Unloader and/or Board Flipper, it provides a complete conformal coating work cell.

Solvent and Purge Cups. Nozzle automatically dips into solvent cup during idling and purge before proceeding with the next spray cycle. This is to prevent clogging of nozzle tip.

Machine Specification Model: CSC1000

Machine External Dim.	Lg 1100 x W10150 x H 1500 (exclude ht of monitor and light tower).
PCB size (mm)	Lg. 450 x W 330
Programmable Axis	X-Y-Z axis, W (rotation axis for nozzle head. 0 and 90 deg)
Programmable speed	0 - 500 mm/sec User input.
Positional Repeatability	+/- 0.025mm
Programable Methods	via PC with user friendly PTS <i>Evencoat</i> software.
Controls	Windows XP
Spray nozzle	Fan angle 60 deg. (standard)
Standby nozzle dip and purge.	User input timing (secs)- 2 bins. 1x for nozzle dip and 1x for purge.
Interfacing	SNEMA
Facilities	Compress Air Min 5 bars/220VAC 1 phase/2.2 KW; External exhaust system.
Options	Additional dispensing nozzle for selective coating. Nozzle type-cone, fan with different fan angles Other sizes available.