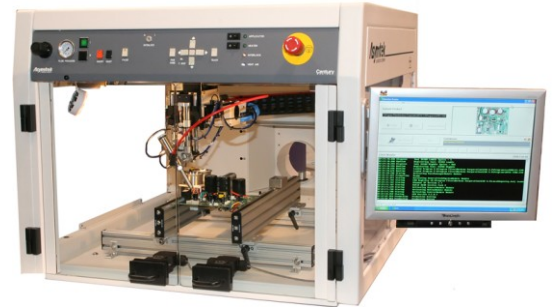


SELECTIVE CONFORMAL COATING SYSTEM AUTOMATED BATCH BENCHTOP COATING

The Century® C-341 Conformal Coating System is a cost-effective, automated batch system for selectively applying conformal coating materials. Patented technology replaces traditional dip, brush, handgun, and aerosol spray systems.

The C-341 system is equipped with Easy Coat® for Windows XP® (ECXP) software, which is uniquely designed for conformal coating applications, and offers coating flexibility beyond generic motion control and dispensing packages. Within a familiar Windows environment, multiple coating commands can be edited simultaneously, minimizing the time required to make programming and pattern changes. Conformal coating log files are configurable, allowing users to record system events and parameters for process improvement and analysis.

This batch system provides consistent and uniform dispensing of a variety of coating materials. An adjustable fixture to hold PCBs allows for easy board placement and workspace convenience



FEATURES & BENEFITS:

- Cost-effective, selective application of conformal coating materials virtually eliminates masking and rework
- Easy Coat® for Windows XP® software, uniquely designed for conformal coating application, offers flexibility beyond generic motion control/dispensing packages
- Computer, Celeron PC®, Windows XP®

SPECIFICATIONS:

MOTION SYSTEM:

Type: Brushless DC Stepper Motor
X-Y Velocity: 508 mm/s (20 in. /s) maximum
381 mm/s (15 in. /s) default
Z-Axis Velocity: 203 mm/s (8 in. /s)
X-Y Repeatability: ± 0.025 mm (0.001 in.), 3 sigma
Z-Axis Repeatability: ± 0.025 mm (0.001 in.), 3 sigma
X-Y Resolution: ± 0.025 mm (0.001 in.), 3 sigma
Z-Axis Resolution: ± 0.025 mm (0.001 in.), 3 sigma
Positional Accuracy: ± 0.13 mm (0.005 in.), 3 sigma

DISPENSE AREA:

458 x 458 mm (18 x 18 in.)
Note: Purge and solvent cups reduce coating area
PCB Holder Fixture:
Max: 457x457 mm (18x18 in.). With solvent and purge
cups: 406x457 mm (16x18 in.)

SOFTWARE:

User Environment: Easy Coat® for Windows XP®
Operating System: Windows XP®

FLUID DELIVERY METHOD:

Film Coater module
Swirl Coat® module

OTHER STANDARD FEATURES:

Door interlock controls
Purge and solvent cups
Ventilation controls
Computer, Celeron PC®, Windows XP®

FACILITIES REQUIREMENTS:

System Footprint: 917 x 1041 mm (36 x 41 in.)
Air Supply: 620 kPa (90 psi, 6.9 Bar), up to 85 l/min
(3 SCFM) max. depending on configuration
Ventilation Air: 0.28 m³/s @ 25 mm water column (600
SCFM @ 1.0 in. water column)
Nitrogen Source: Required for moisture-sensitive materials –
410 kPa (60 psi, 4.1 Bar) @ 1 l/min (0.5 SCFM)
Power (Mains): 100/120/220/240 VAC, 50/60 Hz, 10A
Noise: <70dBA
System Weight: 182 kg (400 lb.)
Standards Compliance: CE

OPTIONAL FEATURES:

Dual applicators
Manual material changeover system
Low fluid sensor
*NOTE: A limited number of options can be combined in one
system, based on 8-bit I/O.*

*Please contact us for the name of your
local representative.*
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Contact Asymtek for your specific application requirements.

*Asymtek is ISO 9001: 2000 Certified
Intel Corporation's 2003 -2007 SCQI Award Winner*

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