

PRISM 800

Large Format, High Speed XYZ Coating System

The PRISM 800 is a high performance coating system with programmable X-Y-Z motion and positioning for USI's proprietary nozzle-less ultrasonic spray head technology. The system delivers a thin, uniform application of a wide variety of coatings more precisely than other coating application techniques. This flexible and highly configurable platform is ideal for high-volume production operations.

Features & Benefits

Proprietary ultrasonic spray technology

- Thin, defect free coating application
- Thickness down to sub-micron
- 95-99% transfer efficiency

Fully programmable X-Y-Z platform

- Large coating area
- High speed X-Y motion
- Precision ball screw actuators
- Configurable for specific requirements
- Fully integrated Windows 7 GUI
- State-of-the-art Ethernet based motion and I/O controllers

Markets

- Display
- Fuel Cell
- Semiconductor Packaging
- Medical

Options

- Batch or in-line conveyor configuration
- Up to two PMP liquid delivery systems to supply two coating heads
- PMP-200 with stirring and recirculation
- Integrated liquid stirring or agitation
- Substrate heater with vacuum
- Head rotation and tilt
- Powered HEPA filter
- many others

