

# PRISM 500

## *Programmable XYZ Coating System*

The PRISM 500 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 both R&D and 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

- 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
- Electronics Assembly
- Solar
- 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

