

PRISM 400

Bench-top XYZ Coating System

The PRISM 400 Bench top 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 bench-top platform is ideal for lab scale 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
- Bench-top platform for R&D
- Windows 7 graphical user interface

Markets

- Display
- Fuel Cell
- Semiconductor Packaging
- Electronics Assembly
- Solar
- Medical

Options

- Precision metering pump liquid delivery
- Integrated liquid stirring or agitation
- Substrate heater with vacuum
- 90-degree pneumatic head rotation

