

TRI Coater™

All-in-One Test Coater



**Where Exceptional Know-How
and Ultra-Precision Manufacturing
Unite in State-of-the-Art
Custom Coater Design**

US Branch
Yasui Seiki - MIRWEC Coating

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Applications:

Advanced 3D IC Packaging
Solid State Batteries
Perovskite Solar Cells
Water Desalination Membranes
Food Packaging

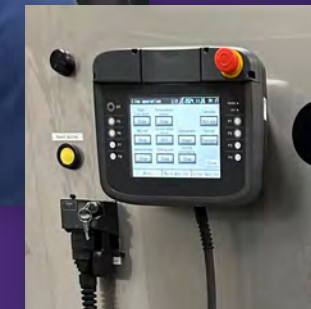
TRI Coater™



All-in-One Test Coater for Thin-to-Thick Roll-to-Roll Coating



Detachable Touch Panel



Special Features:

- Single webpath for up to THREE coating heads: MICROGRAVURE™, slot die or knife
- Variable coating angles for the slot die, up to 90 degrees
- Easy maneuverability with detachable touch panel
- Automatic tension control, upgradeable up to 100N
- Versatile & customizable!

IR panel heater for improved curing efficiency

Standard Specifications:

- Dimensions: D1310 x W2000 x H1800mm (D51.6" x W78.7" x H70.8")
- One coating method: MICROGRAVURE™, slot die or knife
- Coating width: 250 mm (9.84")
- Web width: 300 mm (11.8")
- Core size: 3 inch diameter, 350 mm wide (13.78")
- Unwind & rewind: air shafts, max D200mm, max 70kg
- Line speed: 0.1-5 m/min
- Oven: 1.3 meter, 1 zone, 180 deg C hot air & IR panel heater
- Flow rate: 3m/ sec
- PLC/ detachable HMI
- Tension control: Max 50N
- Static remover
- [For slot die: 1.8L pressurized tank & precision regulator]

Options:

- Two to three coating heads: MICROGRAVURE™, slot die and/or knife
- Corona treater
- UV cure: LED or metal halide
- Dry laminator
- Oven extension: up to 3 zones, total 3.9 meters
- Line speed upgrade: 1-10 m/min
- Solution feeds (gear pump and gravity feed)
- HEPA filter
- VOC cover with interlock
- Pneumatic outfeed
- Emergency stop button
- Tension control upgrade: Max 100N and more!

