COBURN TECHNOLOGIES
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COATING

Rx Entry | Blocking | Generating | Fining & Polishing | **Hard Coating** | AR Coating | Tracing | Edging

VELOCITY 2D

AUTOMATED HARD COATER

FIRST MACHINE
ON THE MARKET WITH
DUAL-COATING TECHNOLOGY

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PRODUCT INFORMATION

VELOCITY 2D

AUTOMATED HARD COATER

Key Features

- Built from the ground-breaking Velocity Automated Spin Coater, the Velocity 2D now offers labs the ability to coat lenses with two different coating solutions in one machine
- Automatic viscosity-adjusted coating height
- Spin speed monitoring for proper coating thickness

FIVE STATION HARD COATING MACHINE

1. **LOADING STATION**
   Lens is prewashed & placed in a centering mechanism for the next station.
2. **WASHING STATION**
   Designed as a removable module, this station incorporates a rotary wash/dry bar assembly driven by a DC motor, with a dry air coalescing filter, a high pressure water pump, and a mist extraction fan.
3. **DUAL-COATING STATION**
   Thermally controlled dual-coating station keeps coating viscosity consistent.
4. **UV CURING STATION**
   Designed to reduce, and even eliminate, high index warping.
5. **UNLOADING STATION**
   Capable of loading, tracking and returning up to four trays (including single lens trays).

	Power	Air	Dimensions (W x D x H)	Weight	Throughput
VELOCITY 2D (AUTOMATED)	Single Phase (1) 220V/30A/60Hz	80 psi One (1) 1/2" line	68"W x 57"D x 72"H 1728 x 1448 x 1829 mm	800-850 lbs 363-386 kg	Up to 140/hr
VELOCITY 2D (MANUAL)	Single Phase (1) 220V/30A/60Hz	80 psi One (1) 1/2" line	43"W x 34"D x 72"H 1092 x 864 x 1829 mm	600-650 lbs 272-295 kg	Up to 120/hr