

# Chemalux<sup>®</sup> 300 LAB System

Lensmate Lab 2004

Unity Max Blocker

Conture Max Generator

Criterion Finer/Polisher

100 SRAR Coater

300 AR Coater



Chemalux Vision  
**Chemalux Technology Inc.**  
www.chemalux.com

## Criterion Surfacers

The Criterion surfacer is the second generation of Criterion Digital Surfacing Cell, the world's first microprocessor-controlled surfacer. Mechanically based on the industry-leading 425, Criterion extends this technology with state-of-the-art client/server architecture. Criterion automatically determines and establishes the optimal pressure and cycle time for each job.



### Key Features

- Serial interface capability with host Rx software
- Supports manual mode using the onboard database
- Control system is software-upgradeable
- Patented motion provides true axis control
- Gear belt drive mechanism minimizes vibration and prevents motion irregularities during processing
- Ergonomic design features a large slurry bowl and pneumatic tool clamping
- Double baffle system with tertiary internal drip shield protects internal components
- Slurry system accommodates either standalone or central slurry operation with hookups at the rear of the unit
- Slurry pump is located remotely from the bowl to avoid overheating the slurry
- Extended life bearings feature a special reservoir for adding additional lubricant
- Enclosure is constructed of heavy duty 16 gauge sheet metal — no injection molded plastic
- Orbit and sweep range adjustments are made internally to prevent accidental resetting
- Full range of sphere and cylinder curves without the use of adapters
- Capable of both plus and minus surface processing

### Specification

- Size: 21" W • 30.5" D • 54.75" H
- Weight: 400 lbs
- Power: 120V, 15A, 60Hz
- Air: 80 psi (min.) air source

### Accessories

- 310 Chiller 110V/60 Hz
- Rinse Tray
- Kit, Splash Cover

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