



BLACKSTONE-NEY

ULTRASONICS



ULTRASONIC AQ SYSTEM

CASE STUDY

COATED GLASS PRISMS



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LEAN AQUARIUS

THE CHALLENGE:

Contamination:	Glove smears, polishing compound & particulate
Cleaning Expectations:	No events observed from 400x-1000x optical inspection
Drying Expectations:	100% dry
Part Acceptance Method:	400x-100x optical inspection
Production:	One basket (12" x 16") every 10 minutes
Loading / Unloading:	Automatic
Preceding / Succeeding Ops:	Packaging or mount

THE SOLUTION:

Equipment:	Lean Aquarius
Sequence:	Wash, rinse, wash, spray rinse, rinse, rinse, slow-pull & HEPA dry
Cleaning Mechansims:	Immersion, impingement spray & multi-frequency ultrasonics
Drying Mechansim:	Capillary dry, HEP{A dry
Features:	Controlled environment, indexing load / unload, bar code tracking, capillary drystation, bath monitoring / chemical dosing & multi-frequency ultrasonics
Actual Footprint:	32' long x 8' wide

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