



CLEANING TECHNOLOGIES GROUP

RANSOHOFF BLACKSTONE-NEY ULTRASONICS CTG ASIA



Machine Model- CleanVeyor

CASE STUDY

Polycarbonate Lens

THE CHALLENGE:

Contamination: Finger Prints, Glove Smears, Edge Grinding Dust

Cleaning Expectations: 5 events greater than 25u

Drying Expectations: Visually dry

Part Acceptance Method: LPC (Liquid Particle Count)

Production: 900 – 1,100 lenses per hour

Loading / Unloading: Automated pick and place

Preceding / Succeeding Ops: Edge grinding/spin coating

Footprint Constraints: None

THE SOLUTION:

Equipment: CleanVeyor

Sequence: Pre-Wash, Ultrasonic Immersion Wash, Isolation Spray, Ultrasonic Immersion Rinse,
HEPA Air Knife Dry

Cleaning Mechansims: Brush, Impingement Spray, Multi-Frequency Ultrasonics

Drying Mechansim: HEPA Air Knife

Features: Servo Driven Belt, Controlled Environment, Rotating Brush Scrub, Data Trending,
Green Operation, Near Field Multi-Frequency Ultrasonics, HEPA Air Knife

Actual Footprint: 30' long x 6' wide

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