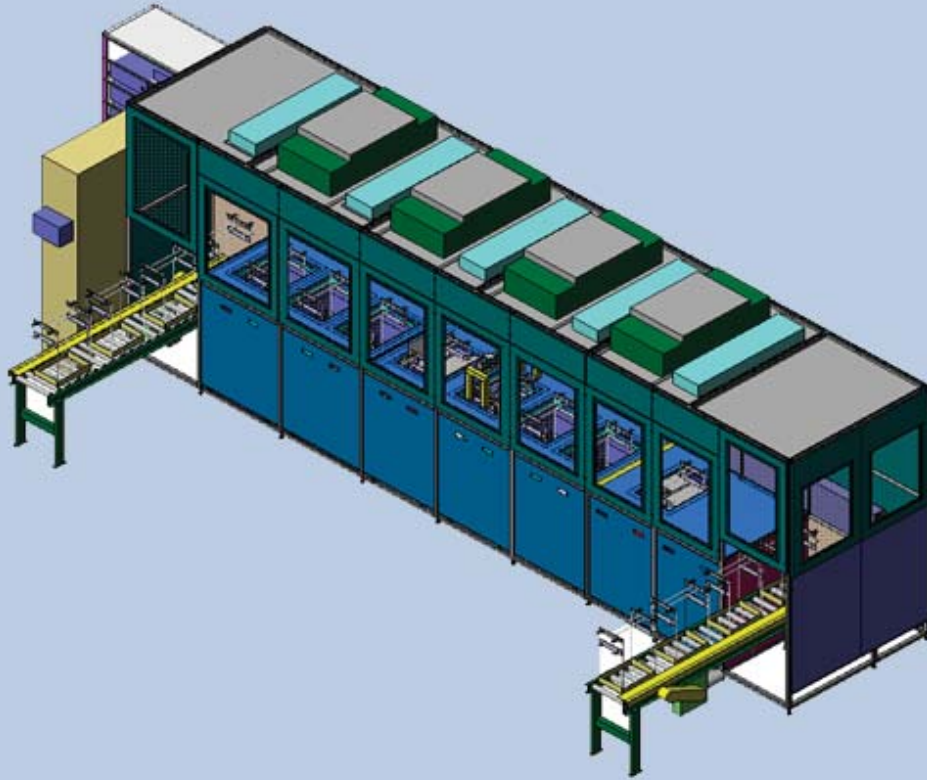


Cleaning Technologies Group



ULTRASONIC AQ SYSTEM



COATED GLASS PRISMS

Cleaning Technologies Group

ULTRASONIC AQ SYSTEM

COATED GLASS PRISMS

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

Footprint Constraints: None

The Solution:

Equipment: Ultrasonic Tank to Tank AQ Cleaning and Drying System

Sequence: Wash, Rinse, Wash, Spray Rinse, Rinse, Rinse, Slow-Pull & HEPA Dry

Cleaning Mechansims: Immersion, Impingement Spray & Multi-Frequency Ultrasonics

Drying Mechansim: Capillary Dry, HEPA Dry

Features: Controlled Environment, Indexing Load / Unload, Bar Code Tracking, Capillary Dry

Station, Bath Monitoring / Chemical Dosing & Multi-Frequency Ultrasonics

Actual Footprint: 32' long x 8' wide



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