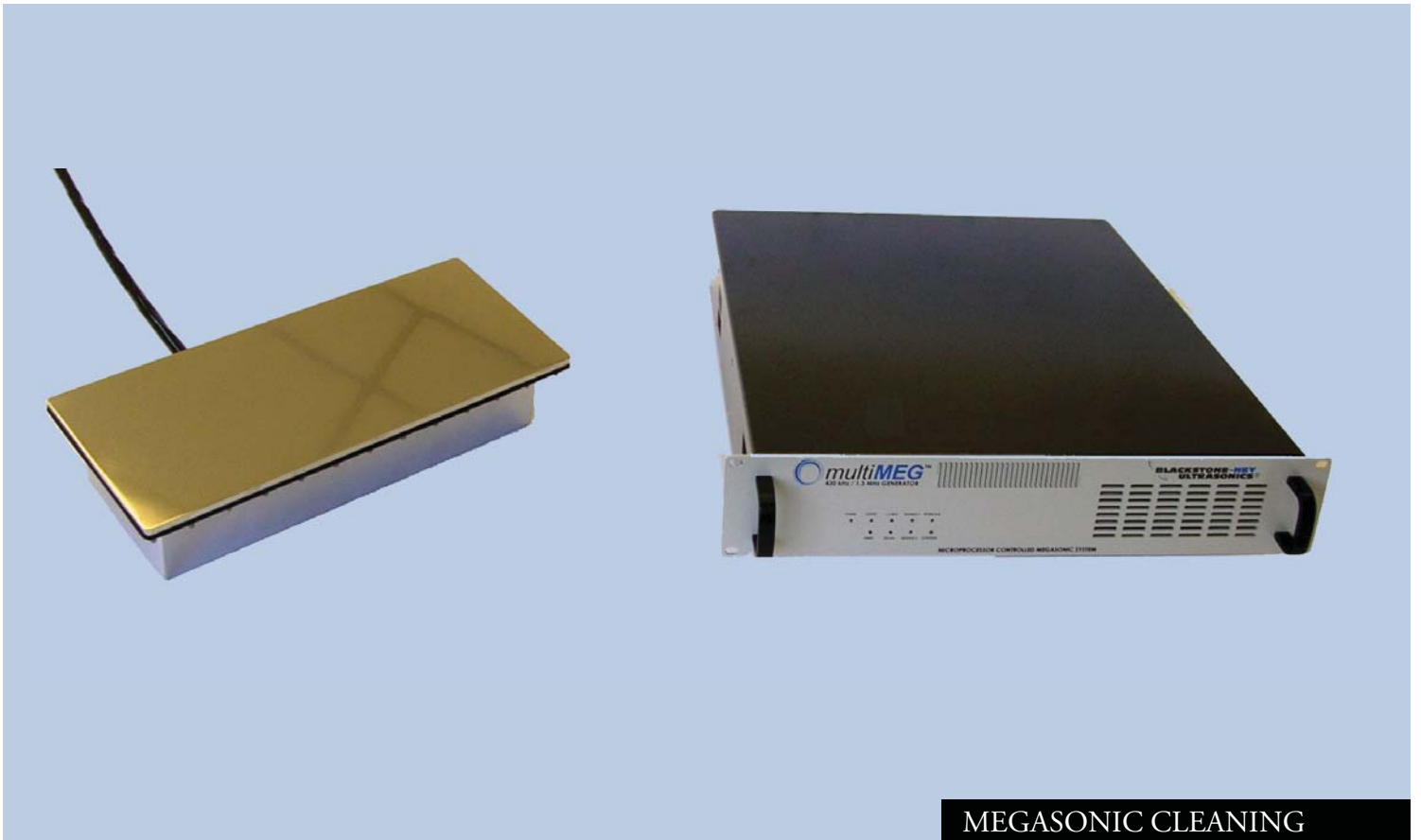


Cleaning Technologies Group



MEGASONIC CLEANING



HARD DISK DRIVE

Cleaning Technologies Group

MEGASONIC CLEANING

HARD DISK DRIVE

The Challenge:

Process: Particle Removal Without Pitting

Cleaning Expectations: Increase Yield >2%

Drying Expectations: N/A

Part Acceptance Method: Candela

Production: 1000 Substrates Per Hour

Loading / Unloading: Automatic

Preceding / Succeeding Ops: Manufacturing

Footprint Constraints: Replacement for Xyratex Megasonic Plate Replacement

The Solution:

Equipment: multiMEG Plate and Generator @ 430kHz / 1.3MHz (Sweeping & Non-Sweeping)

Sequence: Wash & Rinse

Cleaning Mechansims: Megasonic Energy & Chemical

Drying Mechansim: N/A

Features: 430 kHz & 1.3MHz Megasonic Frequencies in One Bath, Special Alloy Plate Provides

Chemical Resistance, Sweeping & Non-Sweeping Functions

Actual Footprint: Varies



Ransohoff
4933 Provident Drive
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