



# BLACKSTONE-NEY

## ULTRASONICS



Machine Model- AS-7-4000

CASE STUDY

Plastic Mobile Device Bezel

AS-7-4000

Plastic Mobile Device Bezel

# AGISONIC

## THE CHALLENGE:

Contamination:	Plastic Chips, Oil, Dust
Cleaning Expectations:	Particles counts 0.02-0.05mm < 5 per ten parts
Drying Expectations:	100% Dry
Part Acceptance Method:	Particle count checked under Spot light
Production:	1.05 seconds per part
Loading / Unloading:	Manual
Preceding / Succeeding Ops:	Anneal /Packing
Footprint Constraints:	None specified

## THE SOLUTION:

Equipment:	Agisonic-7-4000 with Pusher Automation
Sequence:	Wash, Rinse, Rinse, Dry, Dry, Dry, & Dry
Cleaning Mechansims:	Agitation, Multi-Frequency Ultrasonics
Drying Mechansim:	Hot Air Blow Off
Features:	Three-Frequency ultrasonic (40khZ-72khz-104khz) Six-Frequency ultrasonic (80Khz,120khz,140khz,170khz,220khz,270khz)
Actual Footprint:	39'5" long x 13'2" wide

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