

Designing the tools for tomorrow - today

# AVISION *Designs* LLC

## H2 UPGRADE FOR THE HUE-TRONIC SORTER

### NEW-SYSTEM PERFORMANCE AT A FRACTION OF A NEW-SYSTEM COST !

The new state-of-the-art upgrade system retrofits into existing Hue-Tronic Optical Color Sorters. The upgrade replaces all obsolete parts, and improves the vision, sorting and rejection systems, while maintaining the Hue-Tronic functionality and operating simplicity.

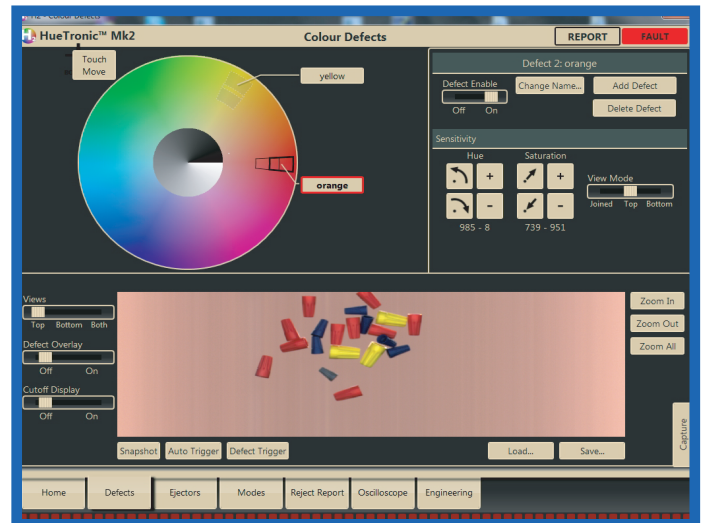
The upgrade consists of two high-resolution, digital RGB cameras, Apochromatic lenses, an advanced sort engine board, high-resolution touch screen panel, updated computer, a new I/O system and remote control monitoring.



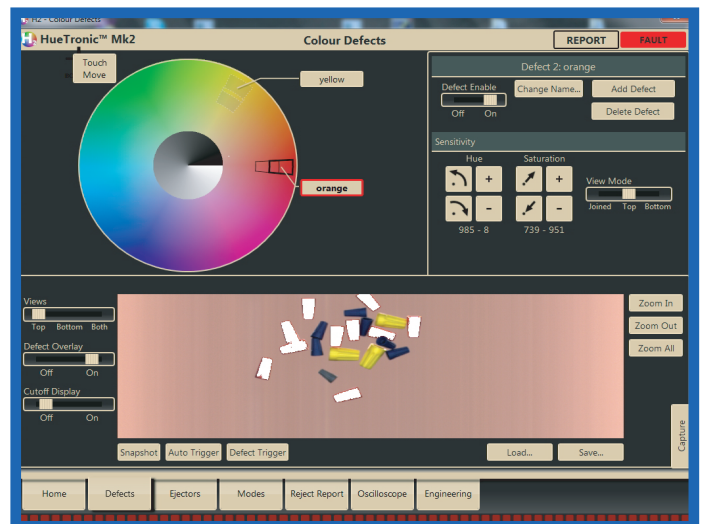
### NEW IMPROVED FEATURES !

- A true 2048 pixel camera
- Apochromatic lens allows precise focusing of all RGB channels
- New sort engine will allow for individual defect adjustment on both top and bottom views
- Improved accuracy of ejection system
- Advanced product capture function
- User-friendly touch screen with enhanced graphics
- Continued use of patented HSI technology

create • innovate • deliver



Defect Defined Without Overlay



Defect Defined With Overlay

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## HUE-TRONIC SORTER UPGRADE

### IMPROVED SORTING OF:

- Peanuts
- Pistachios
- Sunflower seeds
- Coffee beans
- And much more...



### NEW AND IMPROVED HSI TECHNOLOGY

Enhances the adjustment and sensitivity of hue saturation and intensity level.



**HUE**  
Choose a color from the spectrum

**SATURATION**  
Choose the purity of that color

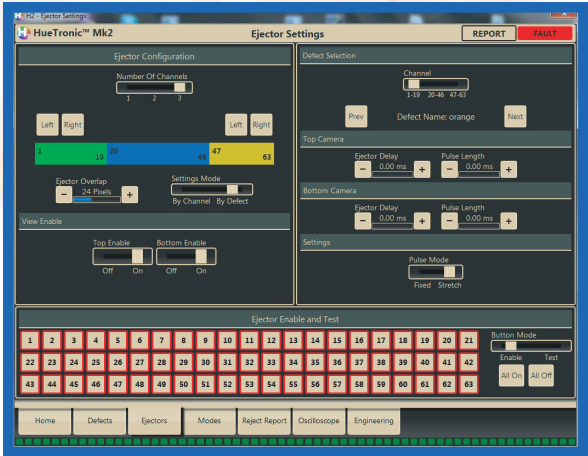
**INTENSITY**  
Choose the brightness of that color

- Benefit from individual defect adjustment
- Enhanced defect definition and overall sort performance



Sunflower Seeds

New touch-screen can be mounted in existing position



Ejector Adjust Menu

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