

BEAM SPLITTER

**NEW**

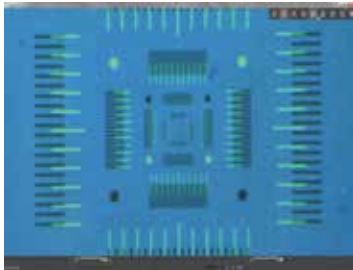
# FLIP-CHIP ULTRA

FLIP-CHIP OPTICS

MICRO ASSEMBLY

OPTION

Tresky's **FLIP-CHIP ULTRA** module is a beam splitter optics, which allows the simultaneous viewing of two objects by an optical overlay (superposition) on the monitor. The Flip-Chip optics has a built-in Ultra HD camera with digital magnification as well as integrated LED lights for optimal illumination of various substrates and components. In combination with the high magnification



All systems of the T-4909 and T-3000 series can be upgraded with all types of Flip-Chip Ultra Optics.

and the XY-Table Micro Positioning Facility, high accuracy alignment can be reached. Due the module is connected with the bonding head Z motion it can be used on any height (pick, place,..). The Flip-Chip Ultra module comes with PC and T-Suite Vision software. The software, is easy to use, displays the overlaid image as well switches up to 3 cameras (inspection camera, proces camera, ...). Furter features are:

- digital zoom
- overlay pictures
- measurement
- ...

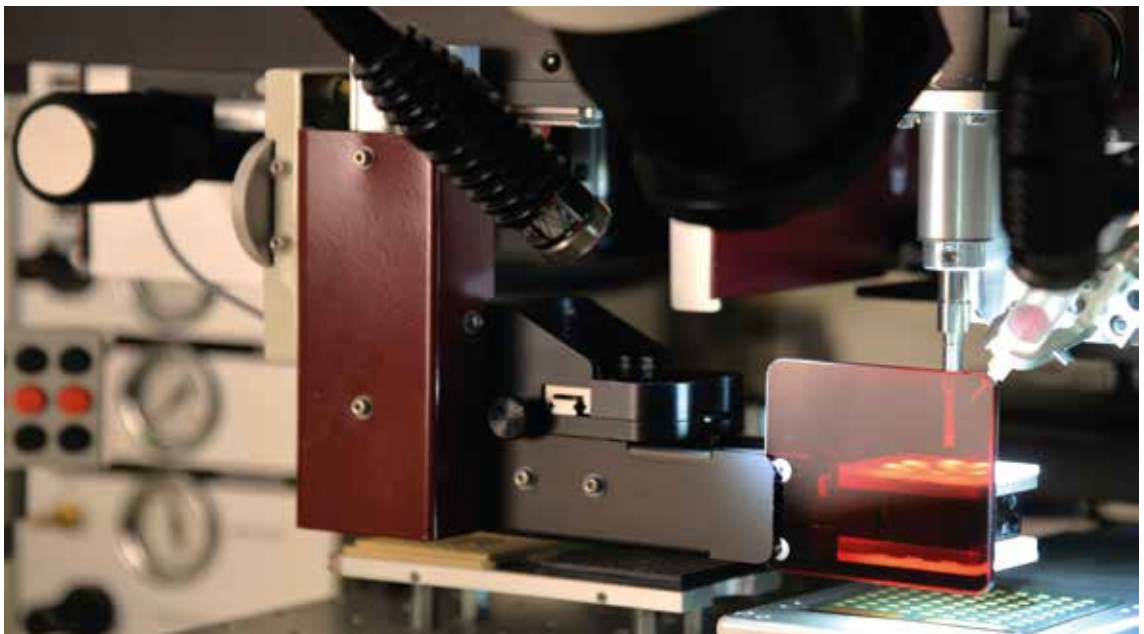
Ultra HD Camera  
4912 x 3684 Px. -

Beam splitter optics

works on multiple  
working heights

#### TECHNICAL SPECIFICATION:

- 400x digital zoom Ultra HD camera
- Field of view 1,2mm – 6,5mm
- Multi point alignment 30mm x10mm
- LED illumination (up, down and coax)



# TRESKY