

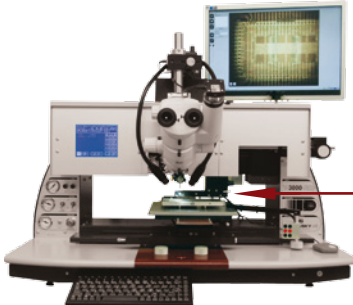
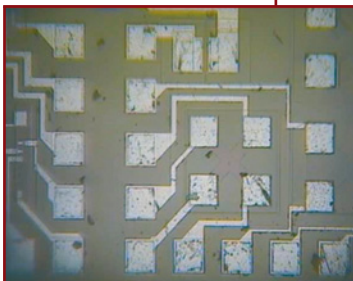
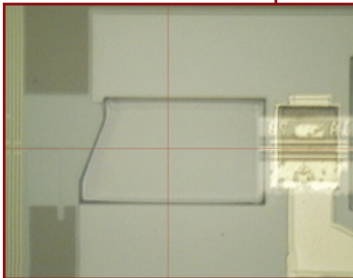
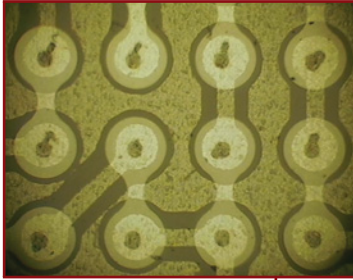
FLIP-CHIP 09

FLIP-CHIP 09

MICRO ASSEMBLY

OPTION

Tresky's **FLIP-CHIP 09** module is a beam splitter optics, which allows the simultaneous viewing of two objects by an optical overlay (superposition). Using an optical shutter each of the objects (upper, lower or both) can be displayed simultaneously on the monitor. The Flip-Chip 09 has a built-in



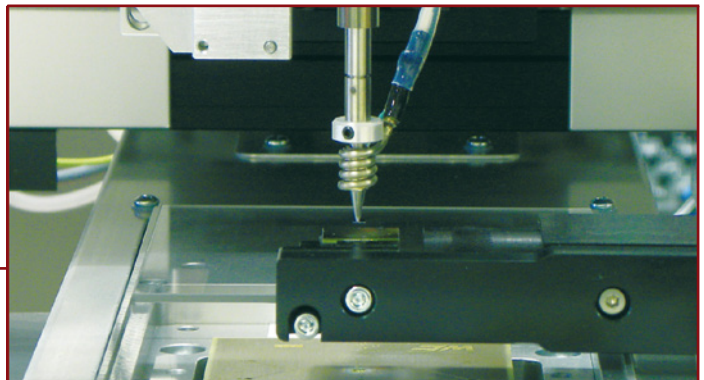
zoom camera with a 23x optical magnification and built in LED lights for optimal illumination of various substrates and components. In combination with the high magnification and the XY-Table Micro Positioning Facility, an alignment accuracy of up to 1µm can be reached.

This module is also available as **FLIP-CHIP 09_{mpa}** version (multi point alignment) which allows alignment with multiple points in X and Y.

All systems of the T-3000 series can be upgraded with all types of Flip-Chip 09.

TECHNICAL SPECIFICATION:

- 23x optical zoom camera
- Field of view 1,2mm – 5,5mm
- LED illumination
- up to 1µm alignment accuracy



1µm accuracy

Beam splitter optics

HD zoom camera

Easy to use



TRESKY