

CHRomatic Vision

WHAT IS CHROMATIC VISION?

A new microscopy technique with extended depth of focus.

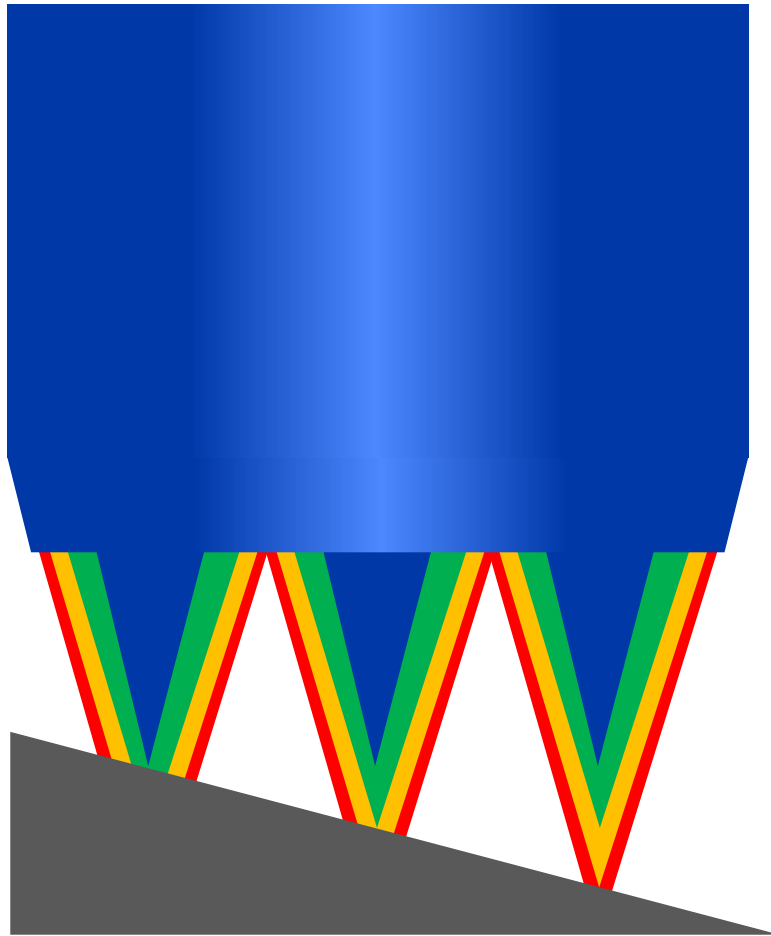


COMPARISON 10 X MAGNIFICATION

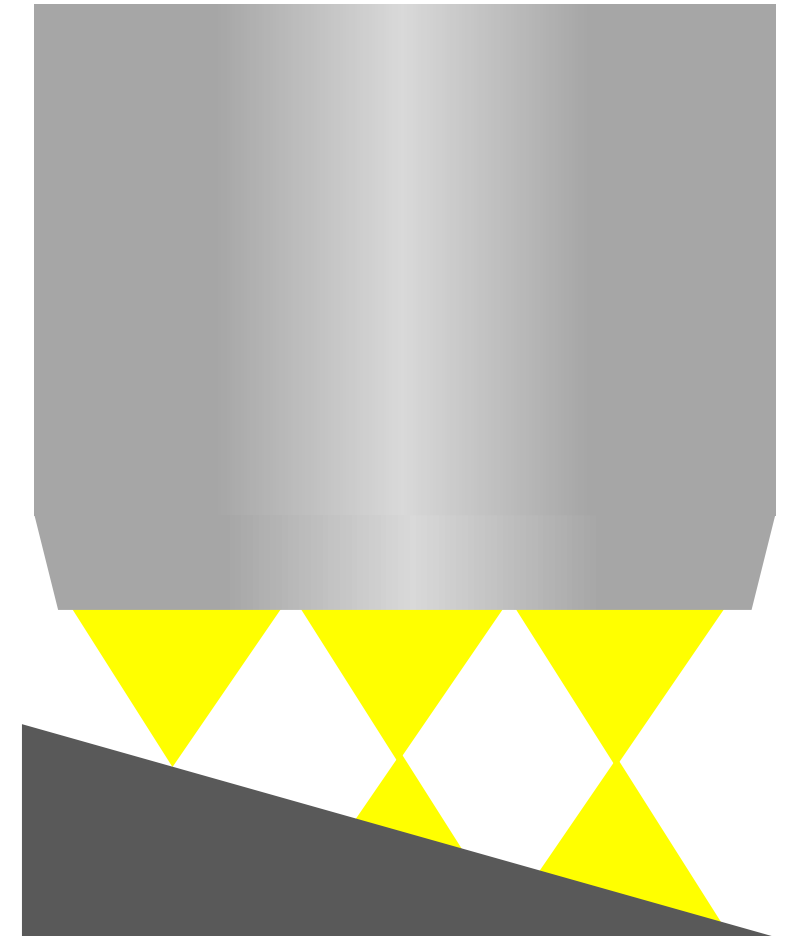
CHROMATIC VISION

VS

CLASSIC MICROSCOPE



**Resolution:
1.8 μm vs. 2 μm**

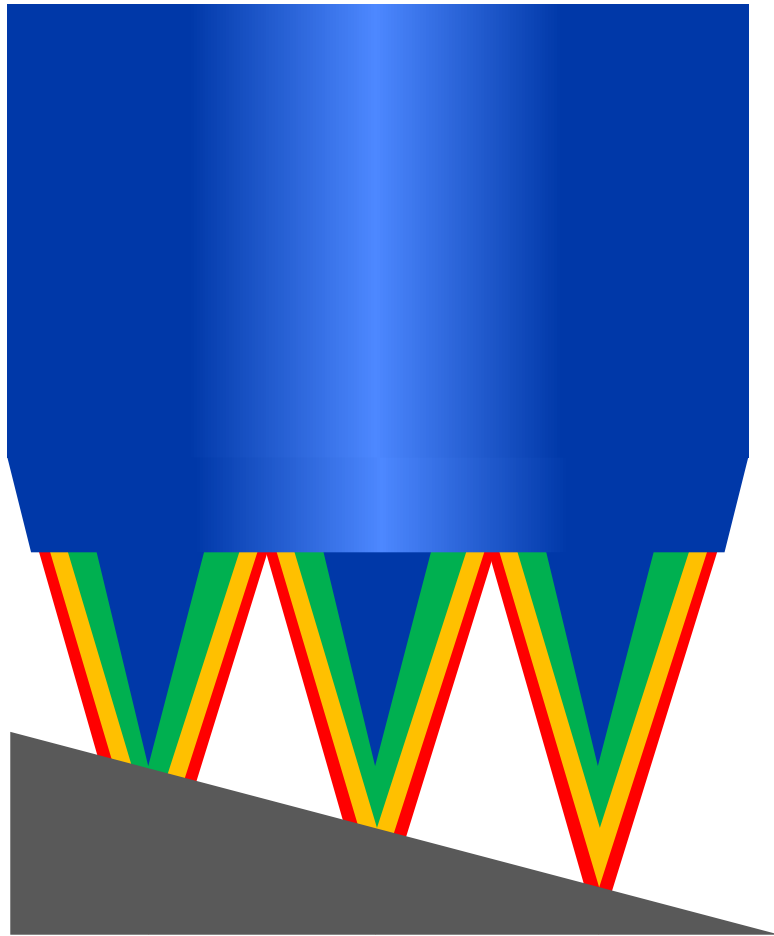


COMPARISON 10 X MAGNIFICATION

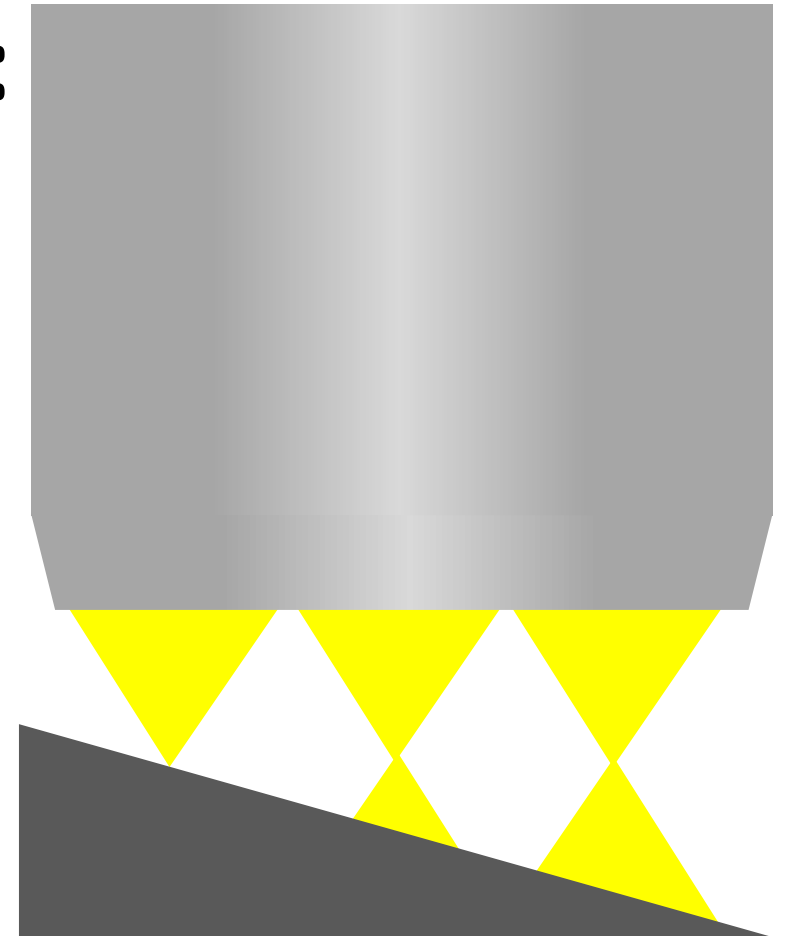
CHROMATIC VISION

VS

CLASSIC MICROSCOPE



**Acceptance angle:
30° vs. 16°**

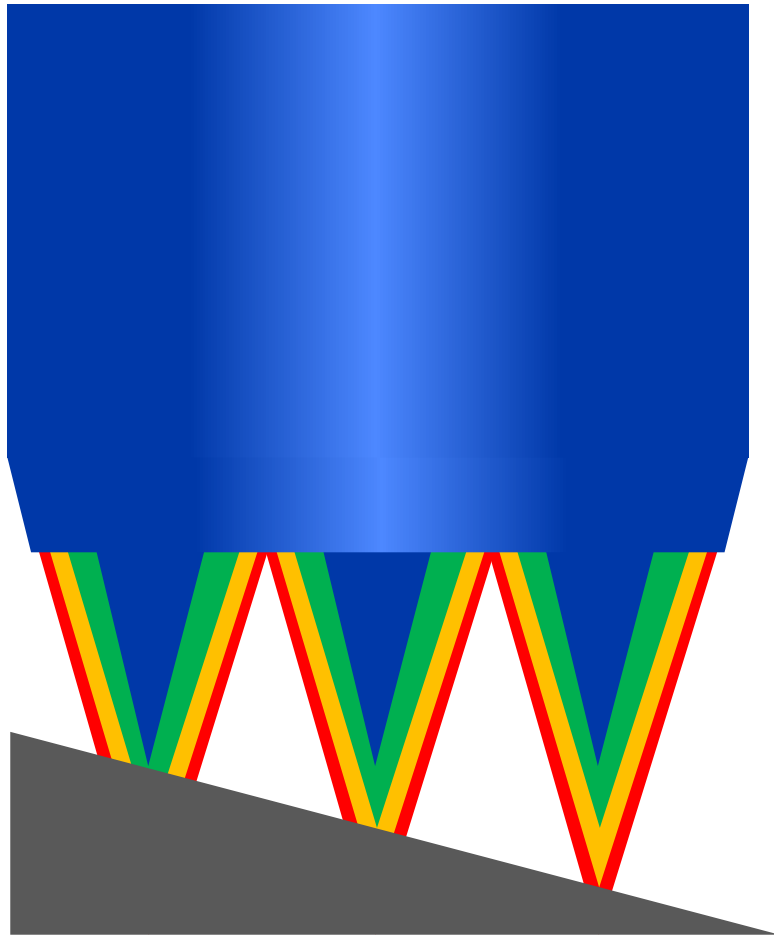


COMPARISON 10 X MAGNIFICATION

CHROMATIC VISION

VS

CLASSIC MICROSCOPE



**Depth of Field:
150 μm vs. 5 μm**

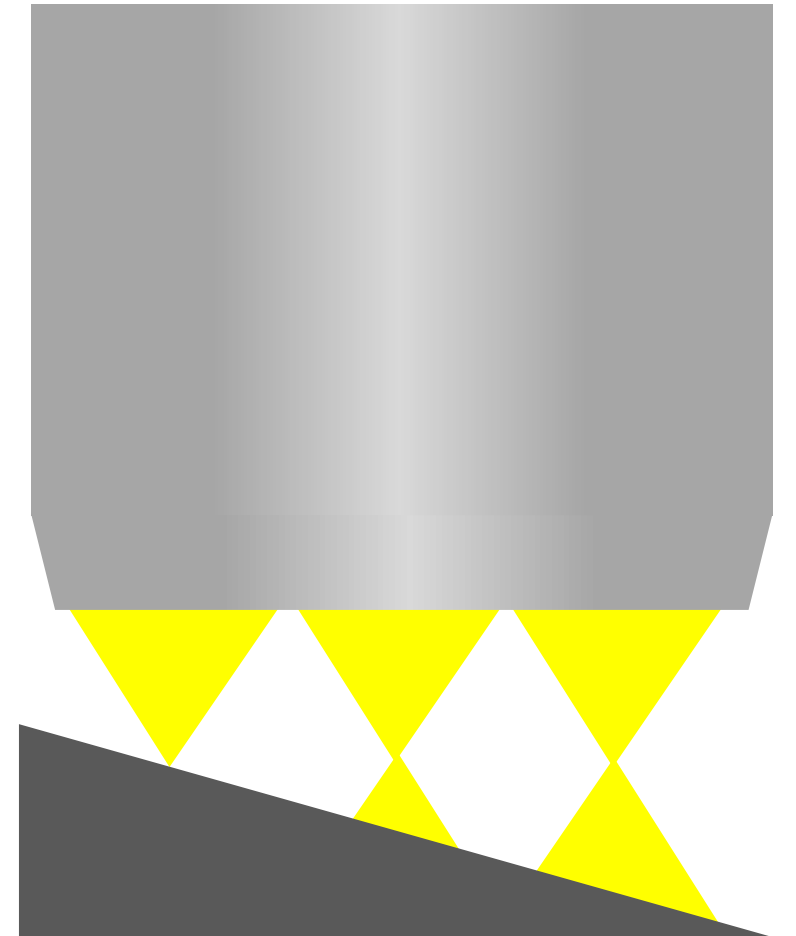


IMAGE COMPARISON

CHROMATIC VISION VCL3-3000



BINOCULAR IMAGE



WATCH MECHANIC DEMO

- **Optical probe: VCL3-3000**
- **Depth of Field: 3mm**
- **Lateral resolution: 3 μ m**
- **Pixel / second: 62 Mio. Pixel**



ADVANTAGES

**Highest Depth of Focus
(150 μm to 3mm as standard)**

ADVANTAGES

High speed: 200.000.000 Pixels /s

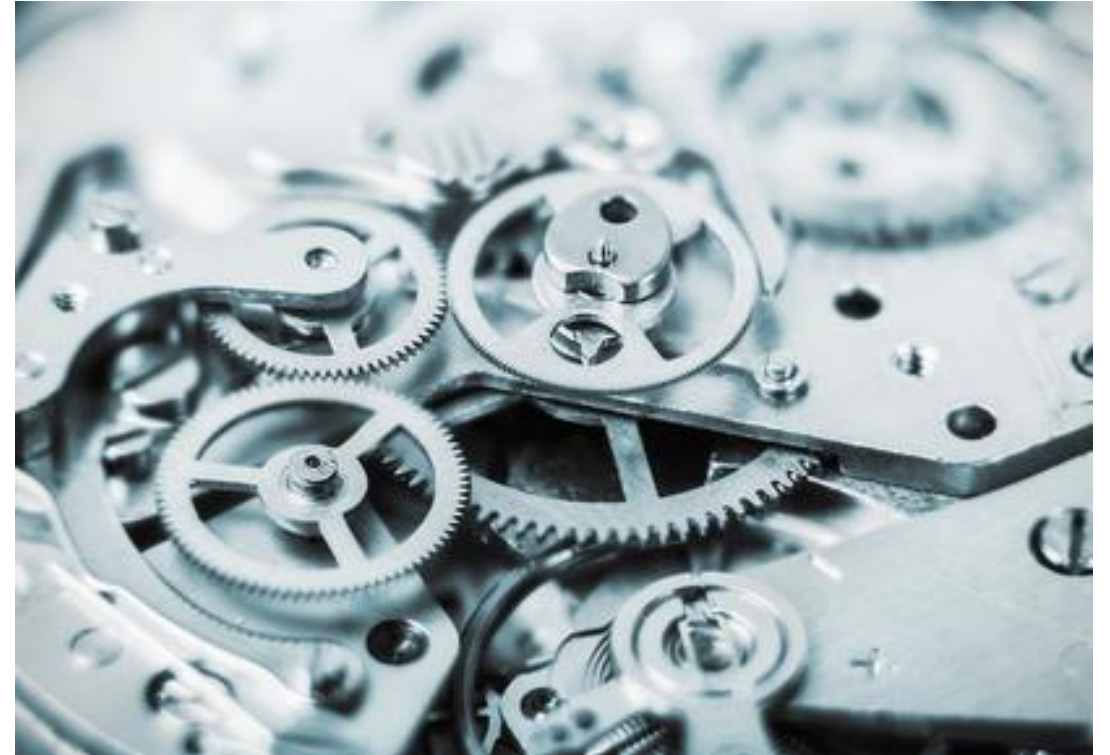
ADVANTAGES

Interchangeable chromatic objectives

APPLICATIONS

MECHANICS

- Surface quality inspection
- Watches mechanics
- ...



APPLICATIONS

CONSUMER ELECTRONICS

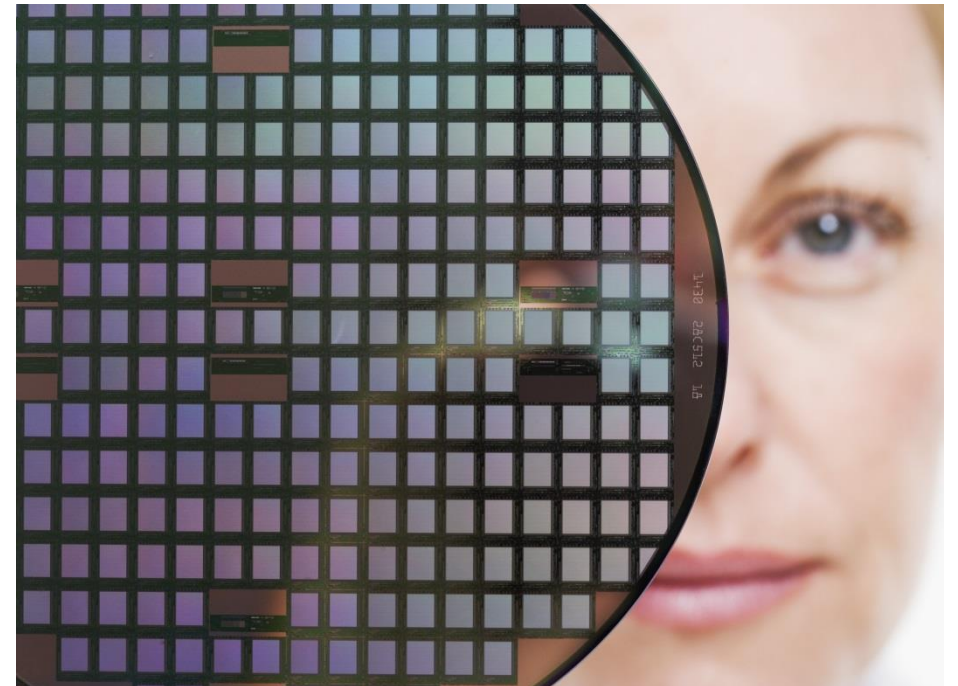
- LCD measurement
- OLED mask inspection
- Microscopic scratches on all surfaces
- COG bonding
- ...

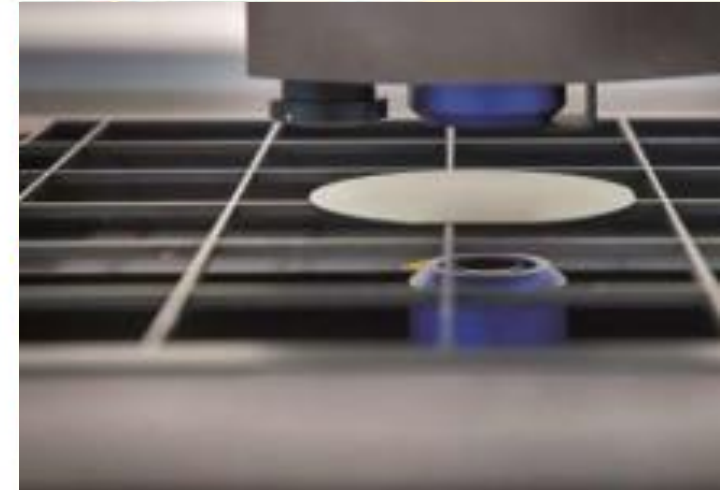
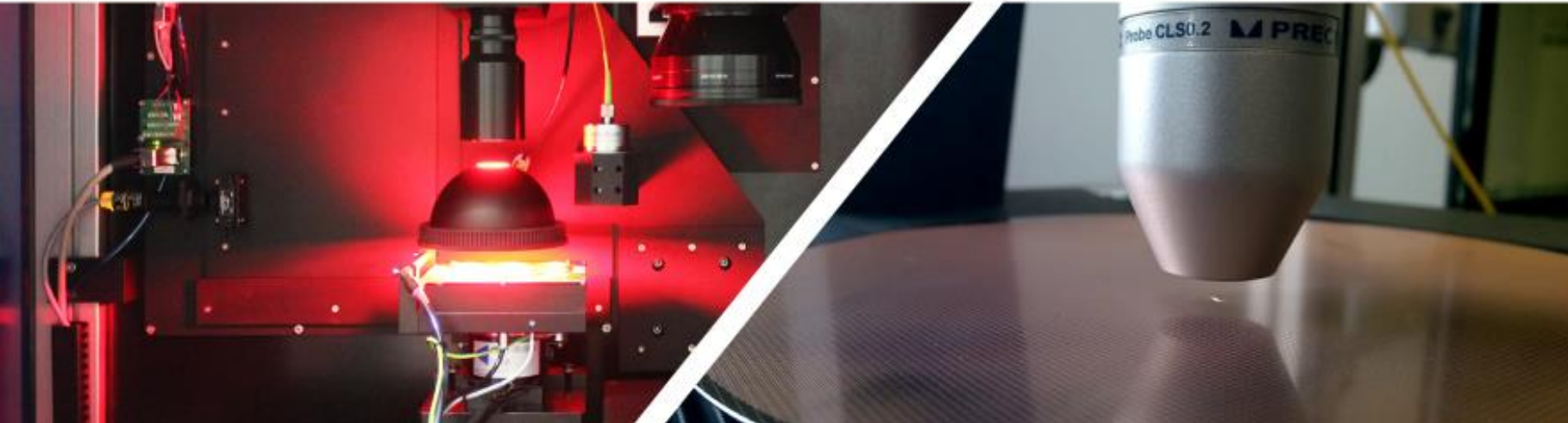


APPLICATIONS

SEMICONDUCTOR

- Defect inspection
- BGA inspection
- Circuit connection
- ...





Please approach us for further discussion!