

Applications Leveraging Ultra-Precision Polishing Technology



Simultaneous Multi-Surface Imaging

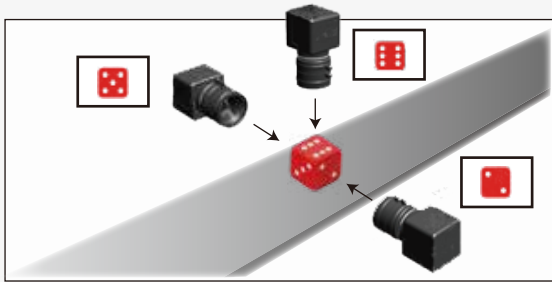
Simultaneous Multi-Surface Marking



The benefits of CHROVIT

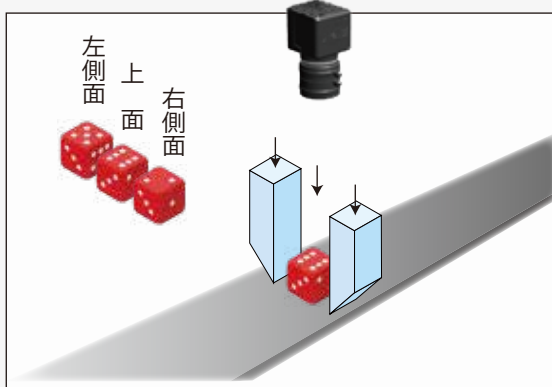
PREVIOUS

3 cameras are required for imaging 3 surfaces



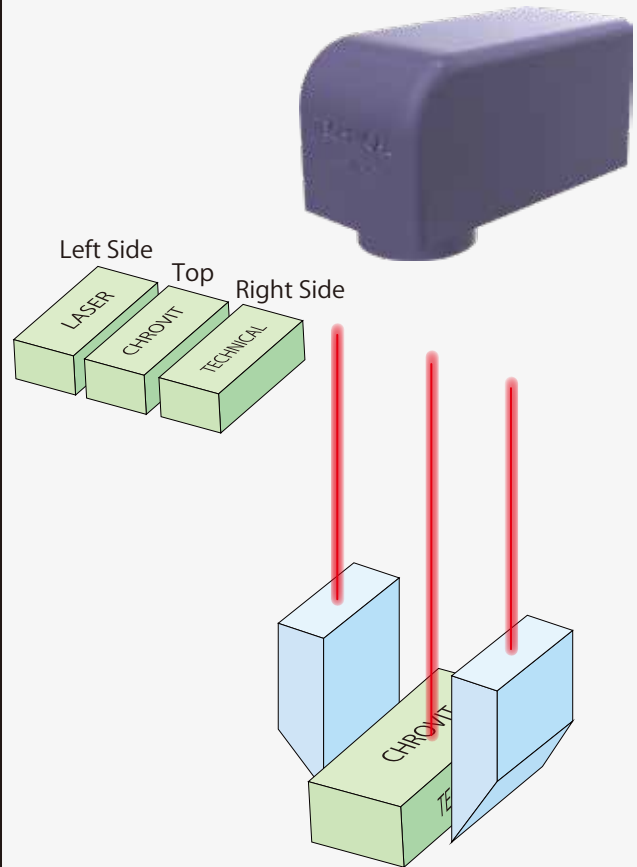
CHROVIT

1 camera can capture 3 surfaces



LASER MARKING

Printing on 3 Surfaces with a Single Laser Marker



Cost Reduction

Rubber Molding Company

Without CHROVIT

Complete set of imaging device : 20 million yen

With CHROVIT

Complete set of imaging device : 17 million yen

Benefit of CHROVIT

-3 million yen

Electronic Components Manufacturer

Without CHROVIT

Complete set of imaging device : 60 million yen

With CHROVIT

Complete set of imaging device : 48 million yen

Benefit of CHROVIT

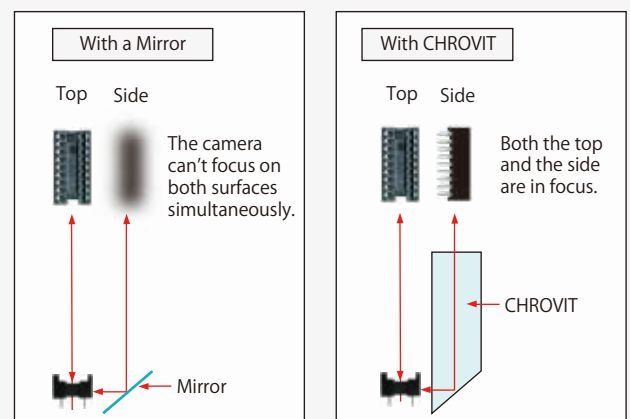
-12 million yen

Patented Technology

About CHROVIT

This is our optical technology, which has been patented in Japan, the United States.

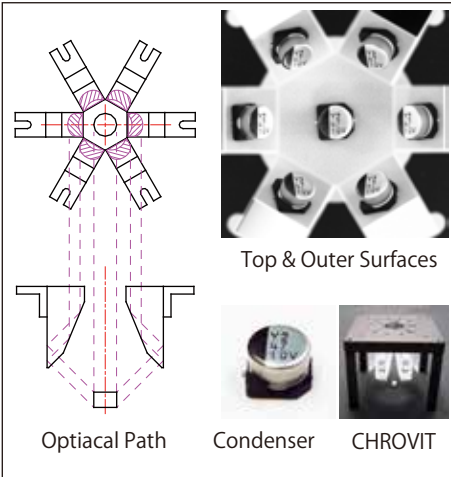
This optical element enables simultaneous focusing on surfaces at different distances, allowing one-step imaging or marking.



CHROVIT
Examples

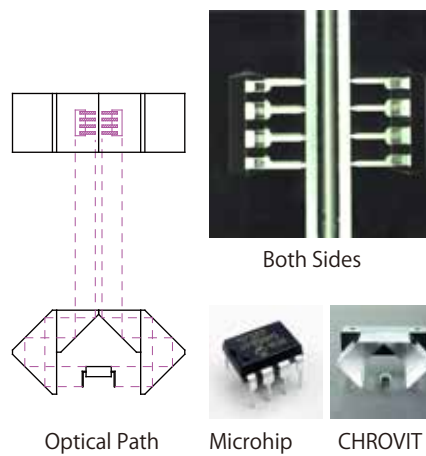
We propose a customized CHROVIT according to your requirement.

Top & Outer Circumference



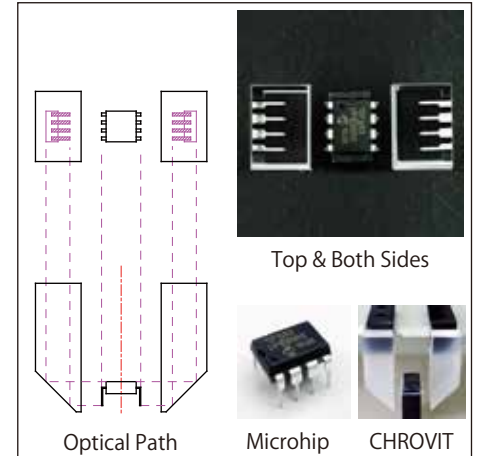
Images from the upper diagonal surfaces, divided into six, and the top can be captured simultaneously.

Both Sides



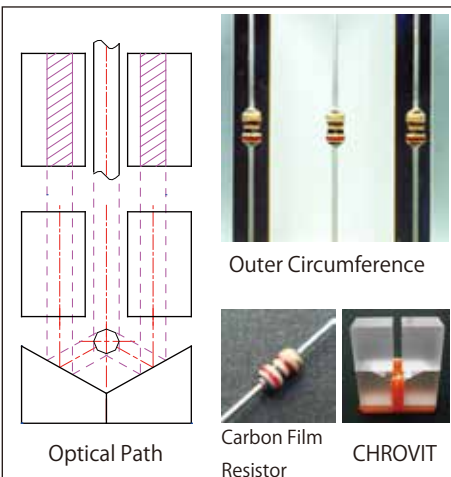
The image of both sides of the object can be consolidated as one image.

Top & Both Sides



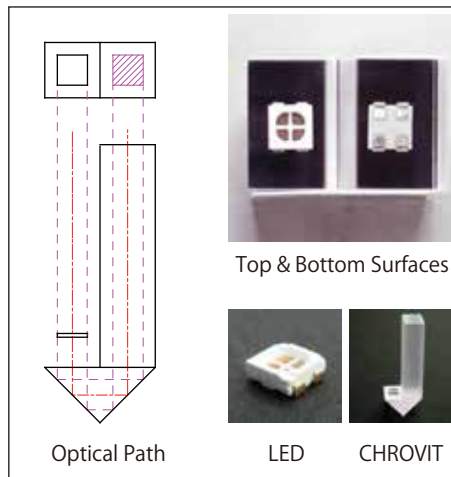
Images of both sides and the top of the object can be captured simultaneously. Capturing multiple surfaces can save your inspection time.

All Outer Surfaces



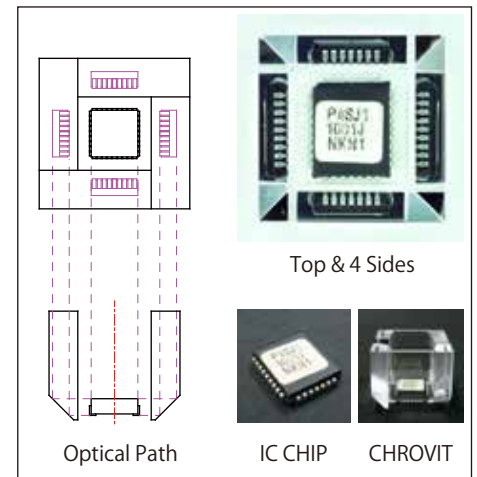
All outer surfaces can be captured by dividing into 3 aspects (120 degrees each). This is commonly used for inspecting the outer circumference of tubular workpieces.

Top & Bottom Surfaces



The top and bottom surfaces of the object can be captured.

Top & All 4 Sides



Capturing the top and 4 sides minimize cameras and measuring stages.

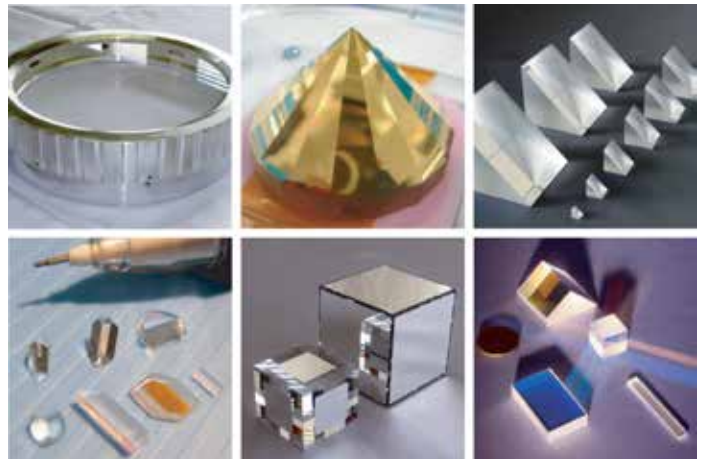
TECHNICAL Co., Ltd.

Prisms

Optical Flats

CHROVIT

Polishing



Contact us about CHROVIT

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