

SF8400K DIGITAL OPTICAL MICROMETER



The SF8400K Optical Micrometer is a fast, reliable and repeatable tool to measure the depth of damages

APPLICATIONS

Corrosion, cracks, crazing, dings, marking, NDT, pitting, scratches, scribe lines

INSPECT

Components, composites, leading edges, propellers, shafts, skins, rotors, threads, windshields

ELIMINATE GUESSWORK

For technicians to make sound assessments of part condition they need tools that produce quick, accurate and repeatable results. The 8400K allows "repair or replace" maintenance decisions to be made with absolute certainty.

PORTABLE AND VERSATILE

The kit has interchangeable bases and lenses for use on almost any surface, including transparencies and composites. Use one tool to inspect many types of damage.



BASE 3 LEGS



BASE 4 LEGS



BASE CLEAR V-BLOCK



3 interchangeable bases

Scratch sample plate

Led flashlight

2 eyes pieces 10x, 20x

2 objective lenses 4x, 10x

Digital optical micrometer

SPECIFICATIONS

- Accuracy ———— +/- 0.001" / 0.01 mm
- Magnification ——— 80x - 200x
- Range ————— 0.25" - 1.00"

INCLUDES

- 2 year warranty
- Manufacturer's Certificate of Conformance

KIT DIMENSIONS

- 13" x 11" x 6"
- 6.5 LBS

HOW IT WORKS

The Micrometer measures the distance between two points, or regions of interest (ROIs), located at different depths. To start, focus on the ROI on the good surface next to a scratch or pit. When the first surface is in sharp focus, set the display to zero with the touch of a button. Then, focus on the second ROI at the bottom of the scratch or pit. When the second surface is in sharp focus, the depth of the scratch (the distance between the two ROIs), is shown on the digital LCD display.

