Part No. 8400K

Digital Optical Micrometer Kit

A maintenance tool specifically designed to quickly and effectively determine the severity of surface damage.

• Exact and repeatable.

Very specific tolerances often apply to surface damage and **exact measurements are essential** to determine if a part should remain in service. The 8400K allows "*repair or replace*" maintenance decisions to be **made with absolute certainty,** and backed up with **precise measurement data.**

• Eliminate Guesswork.

Quickly and confidently perform visual inspections and make **real assessments of damage severity. Avoid using substandard parts** or **scrapping parts** that are still within safety and tolerance limits.

• 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**; corrosion pitting, scribe lines, bubbles, crazing, and scratches on parts.

• Simple Operation.

Unlike analog models, the 8400K is **repeatable and requires no manual calculations.** The digital LCD display is easy to read and toggles between inches and millimeters. Optional accessories allow data to be exported to a PC or handheld device.

Take the guesswork out of visual inspection.

APPLICATIONS

Inspect Damage on

- **Windshields**
- **Canopies**
- **Fuselage Skins**
- **Shafts, Masts, Rotors**
- **Mechanical Parts**
- **Leading Edges**
- **Propellers**
- **Composites**

and **many other applications.**

Distributed by Science Technology Resources

STR - 8400K

TOLL FREE (877) 395-1001
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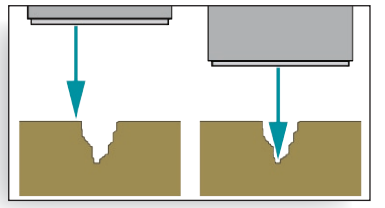
How It Works

Simple operation produces quick, precise and repeatable surface damage measurements - without manual calculations.

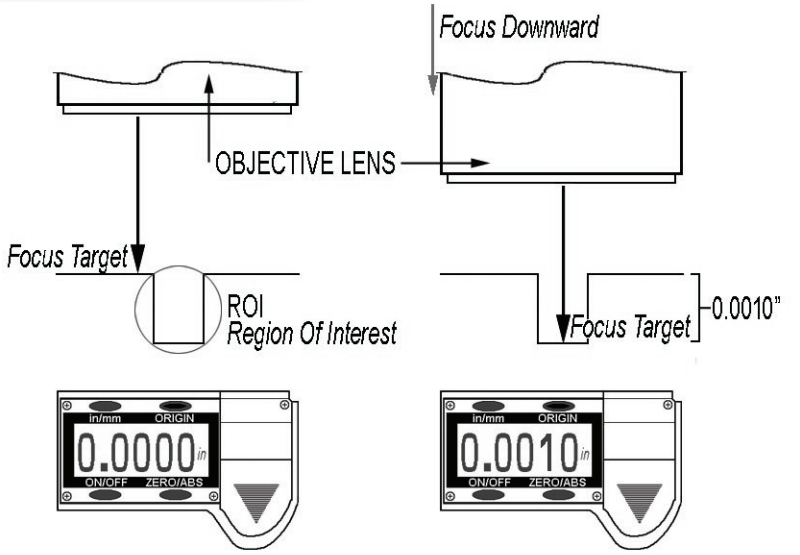
The 8400K measures the distance between two points, or regions of interest (ROI). Clear, accurate results are produced in three easy steps.

Step one is to focus on the first ROI, generally the good surface next to a scratch or pit. When the first ROI is in sharp focus, the display is set to zero with the touch of a button. The last step is to focus on the second ROI, the bottom of the scratch or pit. When the second ROI is in sharp focus the depth of the scratch, the distance between the two points, is shown on the digital LCD display.

Read and record the results - or export directly to a PC spread-sheet or hand held processor (requires optional accessories). It's that easy and takes less than a minute!



Accurate Results in 3 Steps:
Step 1 - Focus on 1st Target
Step 2 - Set Display to Zero
Step 3 - Focus on 2nd Target



Clear, easy to read results.