The Permanent Measuring Standard

The SUPER GAGE from Data Optics is lightweight and portable, allowing precision measurements to be made at the drawing board or on the production line — on any flat surface. Just place the transparent glass scale, with 1,000 accurately placed chrome lines per inch (50 lines per mm), directly over the piece of work to be measured. Then read the scale. It’s as simple as that.

Four Super Gage models are available to meet your measuring and gauging requirements — 12, 24 and 36 inch models with English scales, and a 305 mm model with a Metric scale. All models offer dual or single 40x microscopes and provide a wide field of view that is flat and distortion free. The solid aluminum body of the Super Gage is free from warp and capable of withstanding years and years of hard daily use.

Fast, Accurate Measurements

Super Gage measurements are less susceptible to human and mechanical error. Measurements are made instantly, since both the scale and the measurement area are visible simultaneously. Readings can be made directly to 0.001" (0.02 mm) and easily interpolated to 0.0002" (0.005 mm). The fine adjustment knob, with a carrier movement of 0.03" (0.8 mm) per rotation, assures quick, positive, fine-positioning of the microscopes.

As easy to use as an ordinary ruler . . . yet accurate to 0.0002"
Measuring Applications

GRAPHIC ARTS
Photography
Artwork Preparation
Photogrammetry
Microphotography
Inspection of Negatives / Prints
Printing Plate Inspection
Aerial Photography
Cartography
Reprographic Camera Alignment

ELECTRONICS
Printed Circuit Boards
Computer Generated Films
Thin Film & Micro-Electronic Circuitry
Liquid Crystal Display Panels
Integrated Circuit Mask Making

DRAFTING
Master Drawing Inspection
Print Inspection

INSPECTION
Incoming / Outgoing
Statistical Process Control
Quality Assurance / Control
X-Ray / Flaw Detection

TOOL & DIE
Precision Parts Measurements:
   Hole, Slot & Length Dimensions

For Multiple and Long Measurements:
Super Gage models are available with dual microscopes for quicker measurements from fixed reference points.

For Irregular Surfaces . . .
With the Piggyback microscope option, measurements can be made on objects over which the Super Gage cannot be directly placed. In addition, it provides increased depth of field.