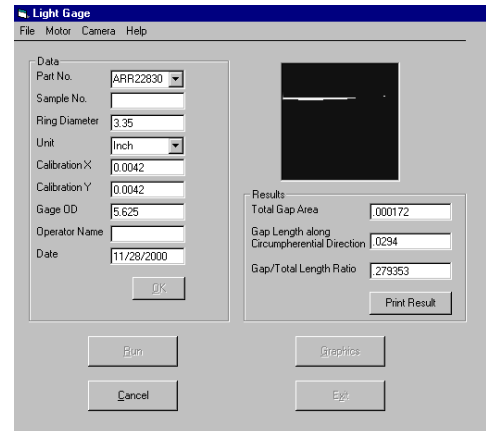


Precision Digital Measurement of Circumferential Light

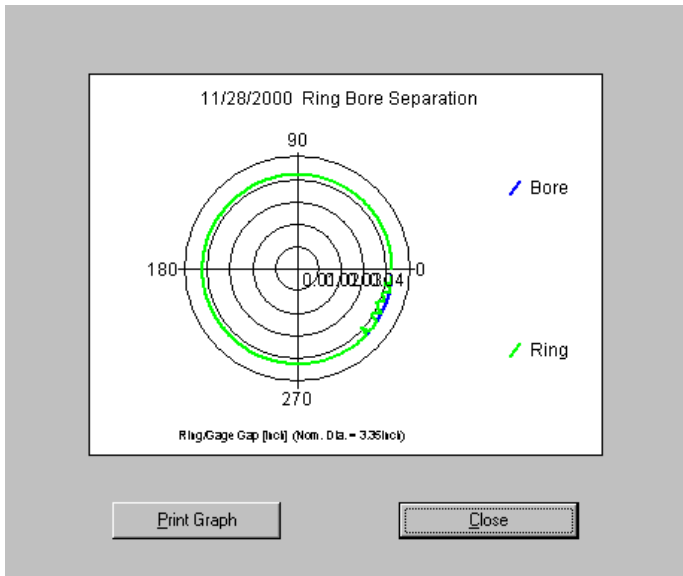


**The Digital Light Gage provides
Measurement of light tightness**

Features & Benefits

- Gathers data automatically
- Simple to operate and highly repeatable
- Capable of operating in temperature range of 40°-120°F
- Rugged construction permits use on shop floor by a wide variety of personnel
- Plots of areas of pin hole or open light
- Specific values for open light

- Automatic measurement of:
 - Percent of circumference
 - Area of open light
 - Distance from ring face to gage
- Selectable features
- Eliminates variability associated with manual light gages
- Output can be downloaded to SPC systems
- Eliminates questions relative to burry light, pin hole light, and open light



Operation

The C-K Engineering Digital Light Gage has been designed and developed with the objectives to provide a gage that is:

- Rugged and capable of operation in a typical laboratory or manufacturing plant atmosphere
- Simple to operate
- A significant improvement in measuring precision
- Completes a measurement and provides a documented record of the output in less than 40 seconds

Capabilities of Unit

- Ring diameters 2.000" through 6.000" (special designs available for larger or smaller rings)
 - Acceptable ring types:
 - Compression rings
 - 2-piece or 3-piece oil ring rails (with required gap wedge)
- Production gage available with auto feed load/unload
- Cycle time 5.85 seconds

Tooling Required per Diameter

- Standard ring gage with diameter same as that in which ring will operate

Utilities Requirements

- 110 v, 3 amp, 60 cycle electrical supply
- Other voltage/frequency units can be supplied for special requirements

Warranty

- One year parts and labor