

# P4K Wire Gauging System

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**Glebar Company Inc.**

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ISO-9001:2000 Certified Company

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Made in the U.S.A.  
Since 1952

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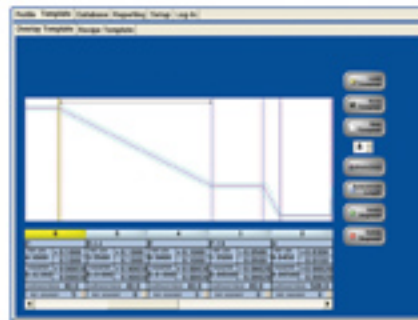
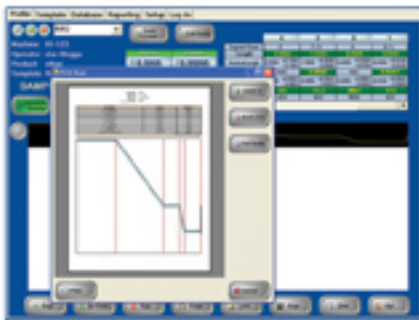
email: [info@glebar.com](mailto:info@glebar.com)

# Fast scanning at 3" inch / second (75 mm / second)



- 2400 samples/second high-speed sampling non contact micrometer.
- Ultra smooth linear motor with a 1  $\mu\text{m}$  (0.00004") glass scale feedback.
- Mounted on a granite surface for maximum thermal stability.
- Linear motor delivers precise motion. Up to 40" (1 m) stroke measuring long wires in one single scan.
- Unlimited zooming. Use cursors to directly measure point to point on the screen.
- High speed hard real-time data acquisition better than 10 kHz for improved length repeatability of 0.000300" (300 millionths)
- Fast scanning 3"/sec (75mm/sec).
- 0.04 mm (0.0016") smallest measurable diameter up to 6 mm (0.24") largest measurable diameter.
- Diameter repeatability:  $\pm 0.06\mu\text{m}$  ( $\pm 0.000002$ ").
- Diameter Accuracy :  $\pm 0.5\mu\text{m}$  accuracy ( $\pm 0.00002$ ").
- Diameter Resolution: 0.01 $\mu\text{m}$  (0.0000004").
- Simple programming and operation.

- Scanned data is stored in an MS Access database.
- Interface to your favorite SPC software package, or export to CSV files and open with programs such as Excel or Minitab.
- Results presented with clear Go/No-Go graphic indicating out of spec features clearly.
- Templates as easy as specifying length and diameter nominals and tolerances. Point to point dimensioning, no tolerance stackup.
- Templates can be defined to gauge shapes such as parabolas or arcs, bumps located anywhere on the wire.
- Supports multiple languages: English, French, German, more languages possible...
- Supports any combination of English and Metric units (inch, cm, mm).



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