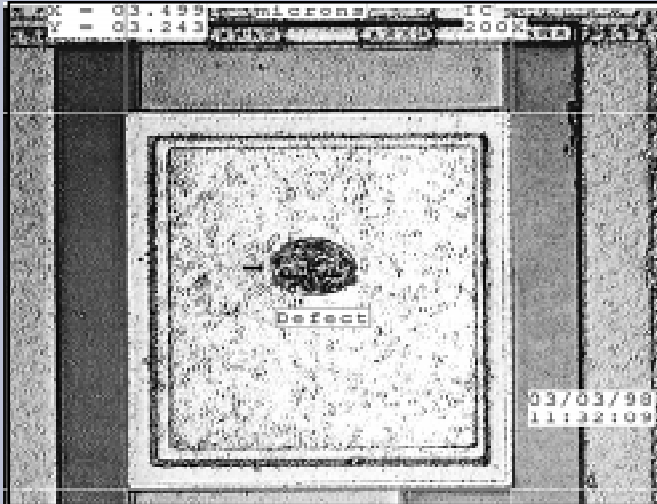


VIA[®]-300

Windows-based Measuring, Archiving, and Transmittal System



At left, is a frame-grabbed image of a part and its defect, measured and annotated using Boeckeler VIA-300 software

Important Video Measuring Tool for:

- ✓ Industrial Inspection
- ✓ Archiving
- ✓ Consulting
- ✓ Telemedicine
- ✓ Annotation
- ✓ Productivity

FEATURES

- **Archive and retrieve images** with information such as text and voice messages. Review thumbnail images before retrieving, or search the database for a key word or album name.
- **Measures the radius and circumference** of a circle when operators place three or more points along the perimeter of a circular image.
- **Measures hardness test indentations** and automatically determines Knoop, Vickers, or Brinell hardness values. Approximate conversions to Rockwell B or C can also be displayed.
- **Measures** the horizontal (X) dimension, vertical (Y) dimension, horizontal-vertical (XY) dimension and diagonals (point-to-point).
- **Statistics mode** with mean, standard deviation, low reading, high reading, and range for X, Y, XY, point-to-point, angle, radius, circumference, area measurements. Transfer the data to a spreadsheet.
- **Calculates the angle** when operators place two or more points to define each leg of an angle, even when the vertex is not in view.
- **Security menu** allows protection of calibrations. With this protection enabled, only the password holder can alter calibrations.
- **Align mode** allows users to move markers in unison to use as a go/no go gage.

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- **Overlay live images with text** to label the video image. The text can be positioned anywhere in upper and lower case characters. Text files and voice messages can be attached to each image to give further case background.
- **Crosslines** can be displayed in one of 10 different line patterns. Crosslines can also have an open or closed intersection and can be auto-centered.
- **Compare a live and stored image** on screen for quick visual inspection.
- **Knob controller with card** allows quick and precise positioning of measurement lines that is the hallmark of other Boeckeler VIA- measuring products.
- **Freehand draw or write** over the video image with choice of three different line thicknesses, using an optional light pen or other mouse device.
- **Displays path length** of freehand drawing as drawing takes place using an optional light pen or other mouse device.
- **Calculates the area** of a cell or shape when operators define the cell or shape.
- **Measures the long and short chords** of a cell or object when operators indicate the extremes of the perimeter.
- **Offers a counting mode.** Operators tag each cell or particle to be counted. Up to 10 different categories can be marked.
- **Ten different pointers** are available, including arrows, standard cross hairs, a target circle, a small circle, a target box, and a small box.
- **Reference circles** can be sized and positioned for a quick comparison of objects or cells to a standard.
- **Reference grids** can be sized to overlay the video image as an assistance in counting.
- **Horizontal, vertical, or diagonal lines** may be positioned in one of three different line thicknesses.
- **The current date and/or time** may be displayed anywhere.
- **Stores unlimited marker overlays** -- simple to complex. Images can be saved with or without the measurement/marker overlay and exported in many standard formats, including TIFF, BMP, or JPEG.
- **Unlimited calibrations** may be stored for future use.
- **Markers, text, and measurement lines** may be displayed in different colors or shades for optimal contrast with the video image.
- **Networking capability** allows multiple users to share the database. Images may be retrieved or posted anywhere in the network, without exiting the systems. FTP access and E-mail are available from within the system.
- **Print** to any Postscript or inkjet printer that uses a Windows 95 driver.
- **Video input and output** available with one of two Coreco Ultra II frame grabbers (NTSC composite, S-Video (Y/C) and RGB; 640 x 480 pixel resolution images).
- **Clipboard** allows users to clip all or part of an image and insert it into a word processing document, presentation application, or spreadsheet.
- **Backup features** allows user to save and restore settings, calibrations, and marker overlays.

This product is offered only through selected Boeckeler dealers. Contact us for a Boeckeler dealer nearest you.