

PG 1000 Cutting Tool Inspection Systems



PG 1000
Cutting Tool
Inspection System

for more information
visit
www.pg1000.com
www.eurotechcorp.com

Package Includes Hardware,
Software & Computer

Model 1000-200-VBS

COMPARE THE FEATURES:

- Euro-Tech basic software
- USB digital video image processing
- 6x zoom video microscope.
Magnification from 10x, 15x, 20x, 30x, 45x, 60x, and 85x
- Calculations by digitized computer screen or 1 micron linear scales. Single area of interest edge detection. Angles, included angles and radii.
- Comparison of angles, included angles and radii
- DXF file overlay
- Save tool documentation by area of inspection for total inspection document or inspection guide for future inspection
- Totally enclosed camera and microscope for system protection



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Model 1000-200-VBS

▼ Hardware Specifications:

Microscope:	*VBS 6X optical system
Magnification:	10x, 15x, 25x, 30x, 45x, 60x and 85x
Field of view:	7.5x = 24 mm, 10x = 18mm, 15x = 12 mm 25x = 7 mm, 35x = 5 mm 45x = 4 mm 55x = 3 mm
Camera:	*.30 mega pixel 1/2" format USB color camera,
Computer:	*Dell mini-tower, Pentium IV or AMD dual core processors, 1 GB RAM minimum, 80.0 GB minimum hard drive 17" 4:3 ratio digital flat panel monitor includes three (3) year on site next day Dell service contract in the U.S.
Operating System:	*Windows XP Pro
Scales:	RSF or Fagor

Screen Resolutions

Live:	Low = .033 mm (.0013") 7.5x High = .005 mm (.0002") 55X
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Product Information:

Software Upgrades:	Free off of the Euro-Tech web site
Base Hardware:	See Euro-Tech web site: www.pg1000.com or PG 1000 brochure for construction details.
Warranty:	1 year on all parts supplied by Euro-Tech at the time of purchase as an upgrade or full system

▼ Software Specifications:

Software language:	English
Screen display:	Date, tool number and name input by operator, electronic crosshair (Z-axis), slide positions "X" horizontal and "Y" vertical, inch/metric display, menu bar, tool bar, status bar, note pad, Windows "Help" file

* Software Features

File:	Print and save images as .ctm or JPG files, backup, restore
View:	Contrast, brightness
Setup:	Crosshair setup, magnification selection, system options.
Options:	Excel. (Supplied by customer)
Calibration:	Manual calibration process using PG 1000 reticle
Calculations:	Calculation by screen point location, linear scales and single area of interest edge detection Calculations options include angles, included angles, and radii
Comparisons:	Comparisons are done over a live image and include angles, included angles, circles and radii, DXF file overlay
Help File:	Help file

Network compatible. Supports ISO

* Euro-Tech reserves the right to change microscope, digital readout and scale manufacturers, camera manufacturers, computer manufacturers, operating systems and computer components as needed.