PG 1000 Cutting Tool Inspection Systems



Compare the Features:

- Euro-Tech basic software
- USB digital video image processing
- 6x zoom video microscope.
 Magnification from 7.5x, 10x, 15x, 25x, 35x, 45x, and 55x
- 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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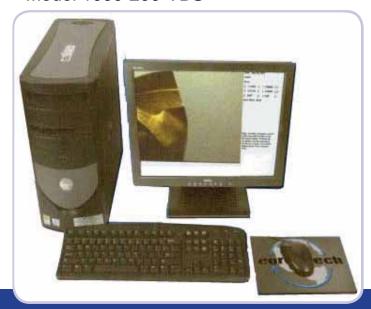
EMAIL: pg1000@eurotechcorp.com

Model 1000-200-VBS

Package Includes Hardware, Software & Computer

www.eurotechcorp.com www.pg1000.com

Model 1000-200-VBS



Hardware Specifications:

Microscope: *VBS 6X optical system

Magnification: 7.5x, 10x, 15x, 25x, 35x, 45x, 55x and 145x

Field of view: 7.5x = 24 mm, 10x = 18 mm, 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

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.