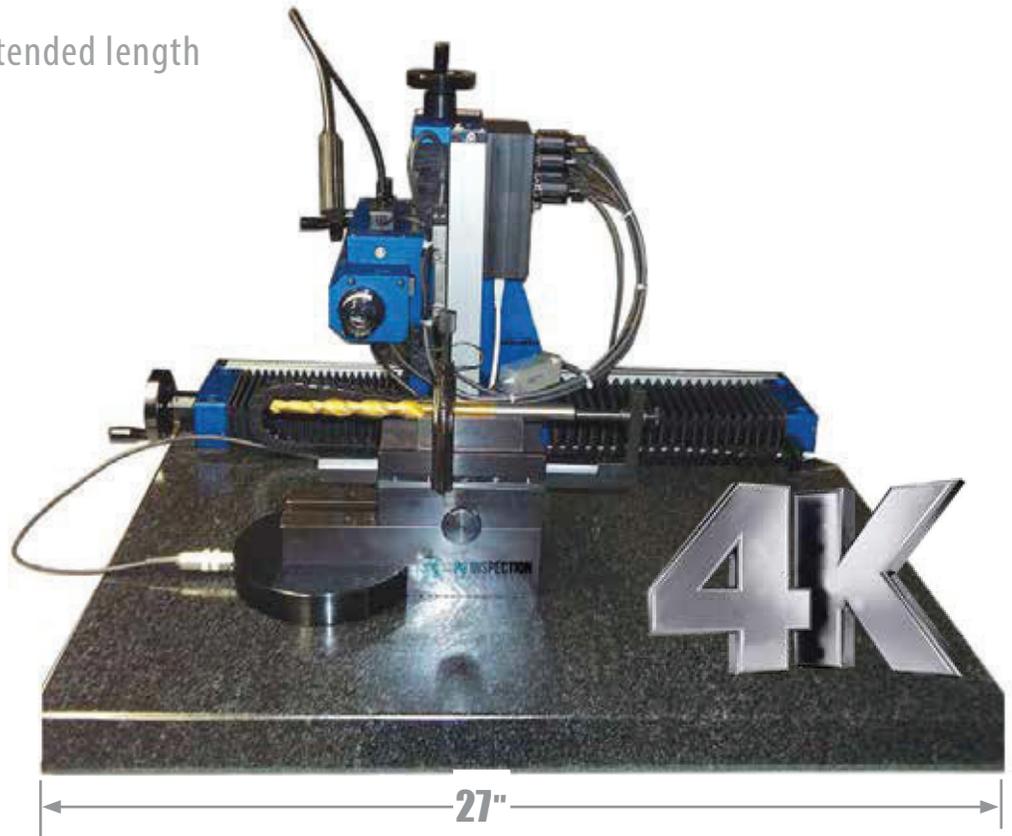


**PG1000
GAUGES** | PG1000 extended length

PG1000 Cutting Tool Inspection

Package includes hardware,
digital readout and linear scales

for more information visit
www.pg1000.com
pg@pg1000.com



PG1000-400L Advanced REACTION

BUILT TO MEET YOUR SPECIAL REQUIREMENTS

The **PG1000-400L Advanced REACTION¹** gage extends horizontal axis by 6" (150 mm) for longer tool length measurements. Low light tool inspection images reproduced by a USB 3.0 5MP camera are displayed on a 4K monitor without any electronic pixel manipulation. **REACTION** Software makes multiple tool inspections in real time, using scales, screen, edge detection, comparisons or .dxf file overlays in multiple colors on one scene.

Repeat tool inspections by recalling saved inspection scenes, annotate the scene to make your own tool inspection documentation or save data to Excel. The **PG1000-400 Advanced REACTION** Series uses our proprietary six channel encoder interface to collect data from the focus and base block axis, horizontal and vertical axis's and microscope that automatically synchronizes magnification with the software.

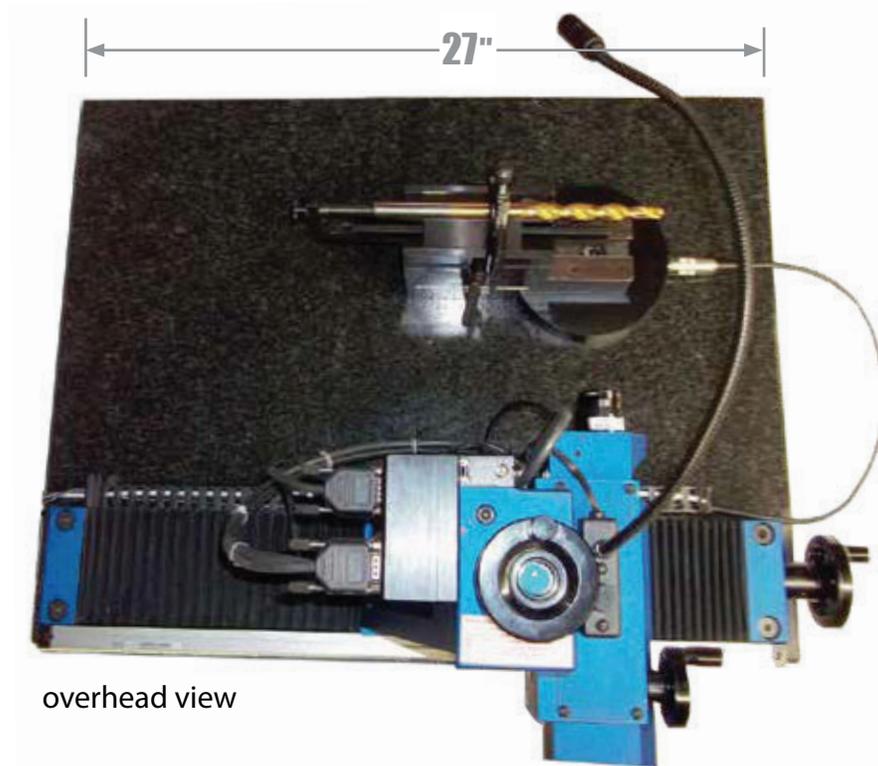


PG INSPECTION
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PG1000 GAUGES

PG1000 extended length



SPECIFICATIONS FOR PG1000-400L ADVANCED REACTION:

Microscope:	*00484-1A 12x optical system	Repeatability:	.005 mm (.0002") at max. magnification
Magnification:	8x, 14x, 20x, 30x, 36x, 43x, 50x, 65x, 72x, 80x, 86x, 93x, 100x,	Measuring Range:	75 mm vertical x 350 mm horizontal (50 mm of additional vertical optionally available)
Field of View:	8x = 32 mm, 14x = 28 mm, 20x = 16 mm, 30x = 11.6 mm, 36x = 9 mm, 43x = 7 mm, 50x = 6.6 mm, 65x = 5 mm, 72x = 4.5 mm, 80x = 4 mm, 86x = 3.5 mm, 93x = 3 mm, 100x = 2.8 mm,	Warranty:	1 year on all parts supplied by Euro-Tech at the time of purchase as an upgrade or full system
Range of Focus:	36mm (1.437")	General Information:	Dimensions: 30" wide x 19" deep x 18" high Weight: 160 lbs; Power: 110 volts default; 220 optional
Camera:	*5 mega pixel, 1/2" format USB 3.0 color camera	Calibration:	PG Inspection Technologies recommends the purchase of calibration part reticle 1000-645-1 for monitor screen and linear scale calibration on REACTION Series Gages. This calibration reticle can be rented from PG Inspection Technologies.
Computer:	**Dell mini-tower or desk top, i7 quad core processor, 8 GB RAM, 500 GB hard drive. Digital DP 4K video card		
Monitor:	24" diagonal 3480 x 2160 RES flat panel		
Operating System:	*Windows 7, 64 bit; Windows 10, 64 bit		
Scales:	*Fagor 1 micron		
Light:	Variable Intensity LED work light		
Language:	English, German, Chinese		
Software Upgrades:	Software upgrades are free using "Check for Upgrade" : in software File menu, v. 7 only		
Screen Resolutions:	Low = .010 mm (.00039") High = .001 mm (.000039")		



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*PG1000 Technologies reserves the right to change microscope, digital readout and scale manufacturers, camera manufacturers, computer manufacturers, operating systems and computer components as needed.