

Galileo EZ

Galileo EZ Manual Vision Systems

Galileo EZ systems are general-purpose manual video-based bench top measurement systems, ideal for quality assurance and inspection labs, and manufacturing, assembly and research facilities.

A precision mechanical bearing X-Y-Z stage and column translates data accurately and repeatably to a MetLogix M3 or Quadra-Chek control. Available in two sizes, these compact systems are simple, precise and powerful.

Features & Specifications

- X-Y-Z Measuring Range
 - EZ200: 8" x 4" x 6"
(200 x 100 x 150mm)
 - EZ300: 12" x 6" x 5.5"
(300 x 150 x 125mm)*
- X-Y Accuracy (in/ μ m): E1=3.5+5L/1000
- Z Accuracy (in/ μ m): E1=2.5+5L/1000
- Zoom Optics: 6.5:1
- Surface Ring Illumination: LED or Fi-O
- Transmitted Illumination: LED or Fi-O
- Auxiliary Lenses (Optional): .5X, 2.0X
- Workstation: Optional
- Part Fixturing: Optional
- Video Pixel Calibration Standard: Optional
- Calibration Standards: Optional
- Control System/Software choices:
 - MetLogix M3 (as shown)
 - Quadra-Chek QC200, QC300, QC5200
- New X & Y axis quick release levers for fast axis positioning

* Includes dovetail slide that can reposition the Z axis working area up to 8" (200mm)



Galileo EZ300 with M3
Touchscreen Control PC

M3 Touchscreen Control

M3 Control for EZ Manual Vision Systems

MetLogix M3 control software provides a broad range of powerful, user-friendly functions on a touchscreen interface in place of the traditional control. The operating interface is graphically based and easy to learn.

A Starrett EZ with an MetLogix M3 touchscreen control offers a state of the art vision system that is powerful, intuitive and exceptionally accurate.

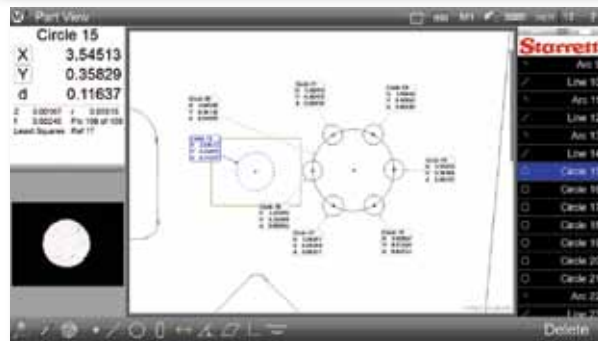
Features & Specifications

- Multi-Touch Software Control that can pan and zoom with pinch, swipe, or touch. Works with active part views and live video feeds (or use conventional mouse interface)
- Custom “Eye Measure” probe captures complex edges generated by a finger path drawn on the touch screen
- “Measure Logic” probe intelligence provides instant feature determination and measurement with a single touch
- “Vtouch” Probe has video touch probe functionality – just click for simple acquisition of points on a feature’s edge
- Part View can generate distance and tangent lines from within the graphical part view. The “Gesture Menu” can be used for feature creation and manipulation tools.
- “Quick Annotate” allows data for on or several features to be displayed simultaneously with smart marquee feature selection.
- Application of universal tolerance value entry according to feature resolution groupings
- Feature Detail Graphics: Individual feature views display point cloud distributions, nominal deviations, and tolerance results. Scroll Actual, Nominal, Tolerance, Deviation and Data Fit Type information.
- Simple machine/camera calibration with popular machine and video correction methods
- Windows 7-based, globally recognized OS for flexible data exporting and interface with Windows® applications.

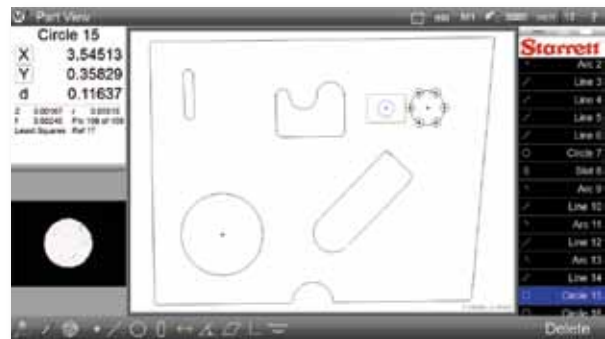


M3 Control with touch screen interface

Intuitive graphic touch menu



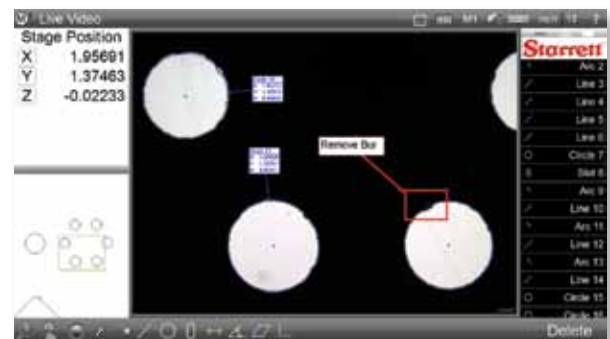
Part View with selectable feature annotation



Part View with touch data point selection



Flexible reporting options for display and export.



Live Video View with touch data point selection