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 repeatability 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/µm):** E1=3.5+5L/1000
- **Z Accuracy (in/µm):** 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)

* Specifications subject to change. starrett.com 949-348-1213
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.