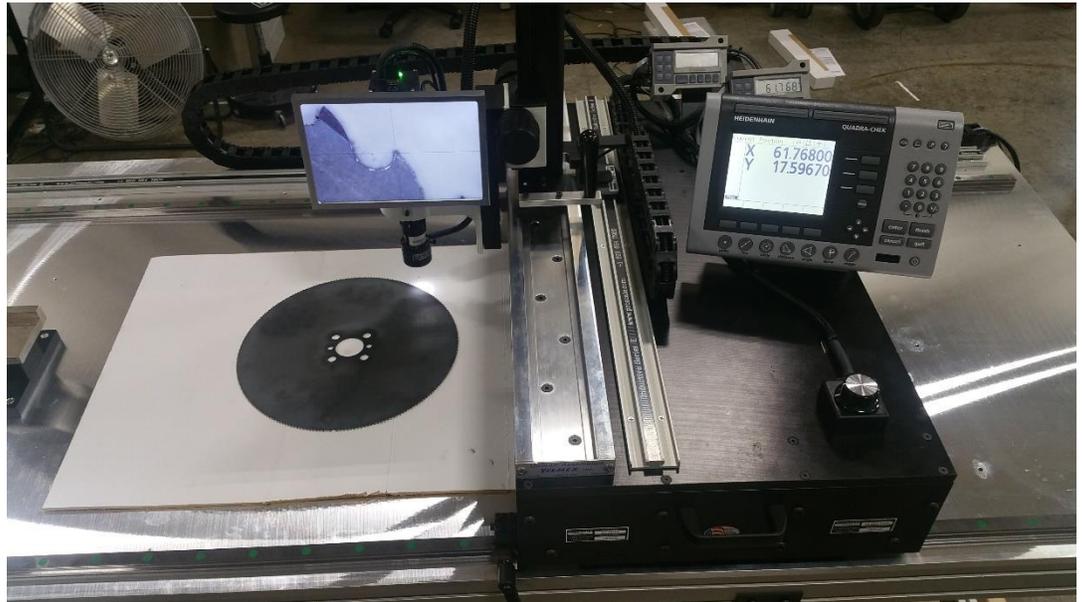


ProTable-GA 2 Axis Dimensional Measuring System

ProTable-GA is a two-axis, GANTRY based measuring system for measuring product length and feature locations. Holes, slots, tabs, alignment marks, and more can be located and measured within the X-Y part space. With an optional readout upgrade, the system can also measure non-cartesian point-to-point distances, angles, arc lengths, and more.

A rigid aluminum frame holds the part being measured while a gantry travels over the part to find features to measure. A magnified, high-definition, color image with electronically generated crosshair is shown on a high-resolution screen. All measuring carriages are guided by high-precision industrial hardened steel linear bearings.

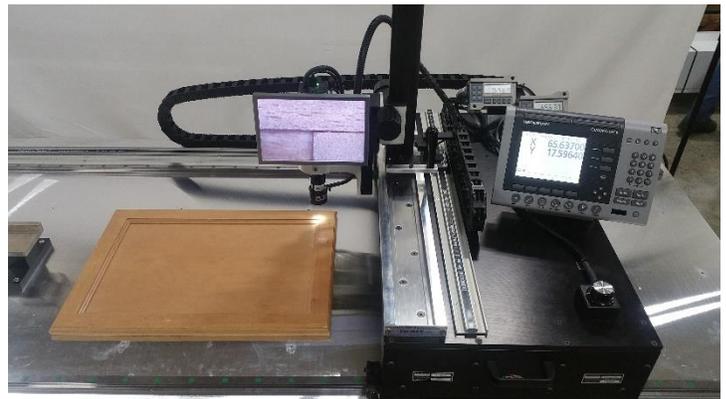
The standard measurement surface is an anodized cast aluminum plate. Nickel-plated, ground tool-steel fences run the entire length of each measuring axis.



Each ProTable-GA is built using our own ProScale™ Series II inductive-coupling measuring technology¹ - providing excellent performance and reliability in nearly all working environments.

Custom² systems are also available with hard tooling, steel or composite table materials, dowel pins instead of fences, and many more options. Battery powered readouts³ travel with the gantry, and can perform absolute/incremental measurements, store up to four offsets (allows tooling customization), send measurements using the built-in SPC port, perform Go/NoGo testing, some statistics, and more.

Accuracy is guaranteed within +/- .005 inches across the entire measuring range, and the system has built-in temperature monitoring and compensation. Adjustable feet are included for easy leveling. Numerous options exist for different measurement applications/industries.



Features:

- Long life recirculating ball bearings on hardened steel rails
- Plated tool-steel fences retard corrosion/rusting
- Selectable table material to suit a wide range of products/applications.
- Large battery-operated Digital Readouts. (Some features may require an externally powered readout.)
- Selectable units: Inches, millimeters, centimeters, or fractional inches.
- Incremental measuring mode – for comparing parts against a master part.
- Fast slew rate – move the carriages up to 80 inches/second.
- The Digital Readouts can store calibration information for 4 different inserts/attachments.
- Digital Readout functions include: Go/NoGo, Summation of part lengths, MIN, MAX, and AVG statistics
- Automatic power-off after 15 minutes. Automatic power-on when carriage is moved.
- Built-in SPC port can be used to send measurements over wired or wireless connections.
- Automatic temperature sensing and auto-correction for thermal compensation.
- Each unit is supplied with a calibration report made with NIST traceable gage bars

Specifications:

- Accuracy: Within ± 0.005 inches over entire measuring range (Standard Sizes)
- Repeatability: .001 inch or 0.01mm
- Resolution: .001 inches, .01mm, or 1/64th inches
- Power: Size 123 Lithium batteries, 120VAC or 240VAC
- Range: Standard sizes from 4 to 12 feet, custom sizes to 15 feet
- Maximum slew rate: 80 inches per second
- Warranty: 1 year

Common Options:

- Custom measuring ranges
- Custom table material
- Hard-contact tooling or non-contact feature measurement
- Custom fence material
- Fine-adjustment on carriage positions
- Gantry lock
- Part clamps
- Casters

Custom Designs:

We work with customers daily to design unique measuring solutions, including new ProTable-GA designs and/or custom fixturing to suit particular measurement needs. You approve the final design concept using 2D, 3D, and/or internet collaboration tools before fabrication begins.

Notes:

- ¹ Absolute encoder technology is also available
- ² Engineering work for custom designs is available at no charge to you (up to 4 hours)
- ³ Different readout models are available (including externally powered units)

To learn more about custom options, software options, see a video of a system in action, or to discuss your specific requirements, contact Accurate Technology anytime by email: sales@proscale.com, or visit our website at www.proscale.com