

## ProTable-CAB™ 2 Axis Dimensional Measuring System

ProTable-CAB is a 2 axis turn-key solution for dimensional measurements.

This award winning\* system uses two ProScale® measuring systems placed in an X-Y configuration. Non-skilled operators are able to make simultaneous dimensional (height and width) measurements up to 40 x 60 inches (or up to 48 by 120 inches on larger models). Options include a 3<sup>rd</sup> axis measurement system for drawer depth, or an angular measurement system for out-of-square measurements (both require ProCAB QC software).

The measuring table angle is adjustable from 15 to 55 degrees of tilt for maximum comfort and ease of operation (standard model only).

ProTable-CAB systems come fully assembled. Simply remove the packing, adjust the table angle and begin measuring parts.

### ProTable-CAB is available in three configurations:

#### **ProTable-CAB**

This model uses a ProScale LCD Digital Readout on each of the measuring axes. These readouts are each powered by a lithium battery, making the entire measuring system completely portable – no external power is required!

#### **ProTable-CAB V**

The **V** model replaces individual readouts with a touchscreen monitor and **VDRO™** software. The **Virtual Digital ReadOut** software includes a simple-to-use interface that displays the actual measured value of each axis with a color coded indication of an In-tolerance or Out-of-tolerance condition. Measurement results are compared to nominal part geometry data stored in a database. Individual part measurements can also be recorded in a .csv file.

#### **ProTable-CAB S**

The **S** model is a fully configured system that includes an industrial rated computer, wireless data transmitters, an industrial touchscreen monitor and **ProCAB QC™** Quality Control software. All software is pre-installed and factory configured for your system. The software imports (via .csv file and field mapping) your purchase order or production data, labels the tested parts (if desired) and documents the measurements. ProCAB-QC software automatically identifies *randomly* measured parts, associates the measurement data with a corresponding line item on an order, and records the measurement results.

### **ProTable-CAB Specifications**

Measuring Range:	
Standard Model:	40 x 60 inches
Custom sizes:	from 20 x 50 up to 48 x 120 inches
Accuracy:	± .008in. maximum error
Resolution:	.001in or .01mm (angular option display to .1 degrees)
Power:	ProTable-CAB      1 CR123 battery in each Readout
	ProTable-CAB V    120 or 240VAC
	ProTable-CAB S    120 or 240VAC
Shipping Weight:	Standard Models    Approximately 700 lbs (320kg)



\* Winner of the 2009  
Sequoia Award  
for Product Innovation



**Custom sizes, designs, and configurations for unique measurement requirements are our specialty.**

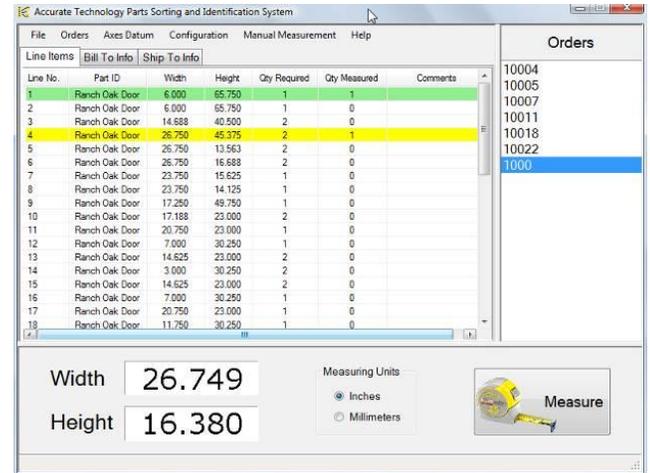
# ProCAB-QC™ Software

ProCAB-QC is a Windows® application designed to measure and document the dimensional quality of fabricated or purchased parts.

A .csv file, exported by your existing software, along with field mapping in ProCAB QC, provides data import capability of production orders or purchased parts.

Next, randomly measured parts are **automatically identified**, and associated with a corresponding line item on your order. The measurement results are compared with your programmed axis tolerances, and the results are stored.

Upon order completion, ProCAB-QC can generate a custom packing list (or inspection report) showing company information, part specifications, bar-coded data, and measurement results.



## Key ProCAB-QC Features

- Parts can be measured in any sequence.
- Measurement tolerance for height and width are independently programmed.
- Part data may be imported as a single order or multi-order file.
- ProCAB QC recognizes if line items have the same (or overlapping) measurement specifications, and prompts operator for assistance when they are measured.
- Line items are marked complete when the prescribed number of parts have been measured.
- Orders are marked complete when all line items have been measured.
- Completed order measurement data is written to history files when an order is complete.
- Incomplete Order Reports can be generated to indicate missing or out-of-tolerance parts.
- "Rejected" labels can be printed for non-conforming parts.

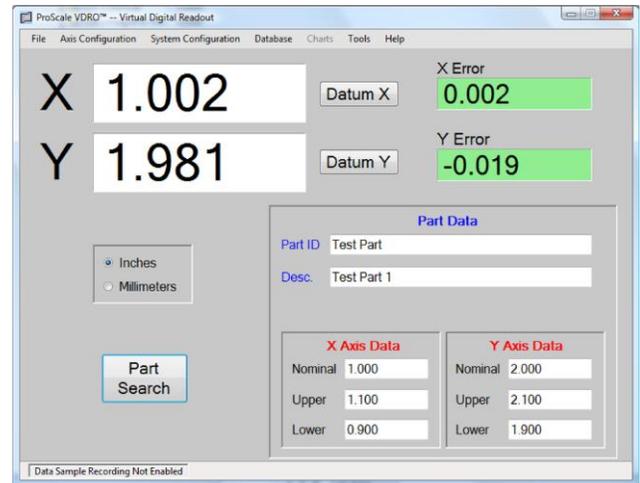


# VDRO™ - Virtual Digital Readout Software

VDRO is a Windows® application designed to provide a solution for measuring applications where one or two dimensions of a part must be checked and/or recorded.

Using VDRO and a ProTable-CAB, actual measurement data can be compared to nominal part data stored in a database.

The data output file is a .csv format and can be easily imported by Excel™ or other spreadsheet software or Process Control programs.



## Key VDRO Features

- One or two axes of measurement.
- Parts database for storage of part geometry & parameters.
- Part measurements are saved to .csv file.
- A product image can be displayed when a part is selected from the database.
- A .pdf document associated with the measured part can be displayed during measurement.
- Histogram charting of recorded measurements.

Both software Solutions are continually updated; updates are free for 1 year from shipping date.