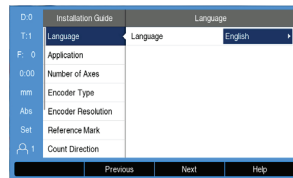


DRO203Q

2D Geometric Digital Readout



Dynamic Zoom



Step-by-Step Installation Guide

Advanced Precision for Metrology Applications

The DRO203Q is based on the most popular digital readout in the machine tool marketplace, powered by Quadra-Chek. It is optimized for optical comparators and measuring microscopes, measuring 2D features with greater accuracy and efficiency.

Enhanced Precision and Quality

The DRO203Q creates higher-quality workpieces with common and metrology functions for six feature types: point, line, circle, skew, distance, and angle.

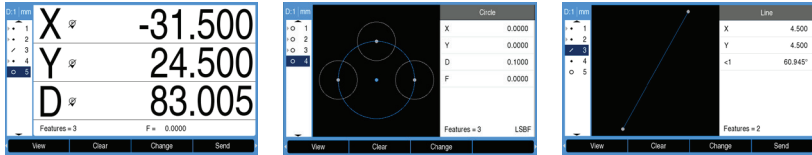
Greater Efficiency for Every Operator

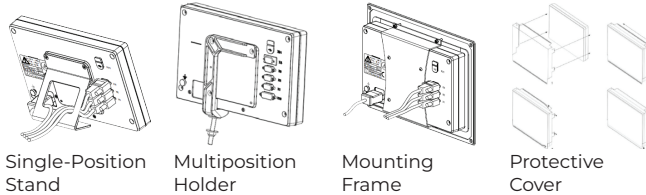
With the DRO203Q, operators can quickly gather the needed points, construct desired features, and export them easily over a familiar and intuitive interface.

Reliability in Every Metrology Application

Designed and built in the USA, the DRO203Q is exceptionally reliable. Use it with machine tools new and old, in applications from simple to complex, and even the harshest machining environments.

DRO203Q Technical Data

Display	3 Axes (X, Y, Z, or Q) 7-inch Color Widescreen (15:9)
Common Functions	Optimized for Optical Comparators and Measuring Microscope Systems Datum 1/2 Switching Contextual Help Function In/mm Conversion Installation Setup Walkthrough
Metrology Functions	Measuring, Creating, and Constructing of the Following Features: <ul style="list-style-type: none"> • Point • Line • Circle • Skew • Distance • Angle Feature Graphic Evaluation Screen Simple Serial Data Output over USB-C Connection to PC (driver available for download on our website)
Accessories	
Construction	Die-Cast Metal
Dimensions	285 mm x 180 mm x 50.4 mm
Weight	~1.9 kg
Data Interface	USB 2.0 Type C: <ul style="list-style-type: none"> • For Output of Feature Data and Current Position to a USB Stick or PC • For Input of Parameters, Remote Control of Keys and Commands
Electrical Requirements	AC 100 V to 240 V ($\pm 10\%$), 50 Hz to 60 Hz ($\pm 5\%$), ≤ 33 W
Operating Temperature	0° to 45° C (32° to 113° F)
Storage Temperature	-20° to 70° C (-4° to 158° F)
Protection	IP 40, Front Panel IP 54



Acu-Rite Solutions creates precision CNC control and digital readout systems that accelerate efficiency and capability for manual machine tool operators. Our advanced technologies are backed by the continuous innovation of HEIDENHAIN and are designed, built, and supported in the USA. acu-ritesolutions.com



Pair an Acu-Rite Solutions CNC control or digital readout with a durable linear encoder. Our precision glass scales provide repeatable, accurate feedback in even the harshest environments.