

ACU-RITE®

NEW DR0203Q: “The Q”

2-D Geometric Readout



Perfect for optical comparators and measuring microscopes!



Measure and export 2-D feature data quickly over a USB-C serial connection

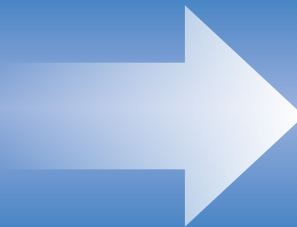
Familiar and intuitive interface



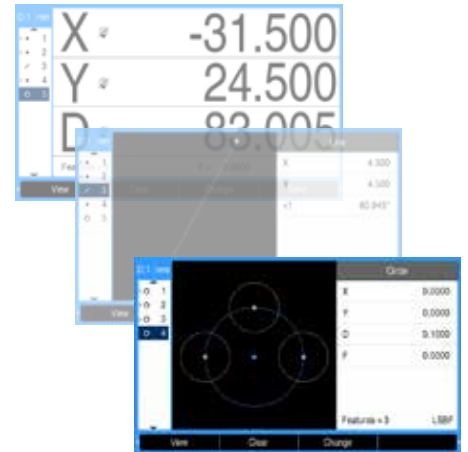
Curious?
Learn more



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DRO203Q Technical Data	
Display	<ul style="list-style-type: none"> • 3 Axes (X, Y, Z or Q) • 7-inch color wide screen (15:9)
Common Functions	<ul style="list-style-type: none"> • Optimized for use with Optical Comparators and Measuring Microscope systems • Datum 1/2 switching • Contextual Help Function • In/mm conversion • Installation Setup Walkthrough
Metrology Specific Functions	<ul style="list-style-type: none"> • Measuring, creating, and constructing of the following feature types: <ul style="list-style-type: none"> ▪ Point ▪ Skew ▪ Line ▪ Distance ▪ Circle ▪ Angle • Feature graphic evaluation screen • Simple serial data output over USB-C connection to PC. Driver available on ACU-RITE website for download.
Accessories	Single-Position Stand, Multiposition Holder, Mounting Frame, Protective Cover (1197275-01)
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
Protection	IP 40, Front Panel IP 54
Construction	Die-Cast Metal
Weight	~1.9 kg
Electrical Requirements	AC 100 V to 240 V (±10 %), 50 Hz to 60 Hz (±5 %), ≤ 33 W
Operating Temperature	0° to 45° C (32° to 113° F)
Storage Temperature	-20° to 70° C (-4° to 158° F)

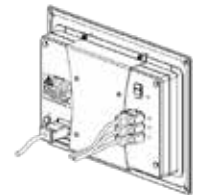


Mounting

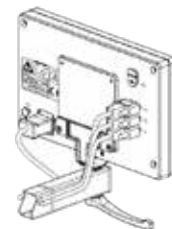
The DRO203Q can be mounted on the machine with the single-position stand, multiposition holder or the mounting frame.



Single-Position
(1197273-01)



Mounting Frame
(1197274-01)



Multiposition Holder
(1197273-02)

With more than one million in use today, ACU-RITE® Precision Glass Scales withstand the elements of even the harshest machine shop environments. Built to resist changes in size, shape, or density due to temperature and humidity variations, this stability provides exceptional accuracy, resulting in tighter workpiece tolerances.

ACU-RITE® scales are available in travel lengths from 1"-120" and in resolutions from 0.5µm (.00002") to 5µm (.0002").



Certifications
ISO-9001, UL, CSA, CE

Rev. 08/22 • ACU-RITE® is a registered trademark of HEIDENHAIN CORPORATION

ACU-RITE®

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