

NEW

Galileo
Vision Systems

Precision & Value

The Galileo 150 is the latest freestanding camera based manual inspection system from Starrett Precision Optical. Specifically designed for mechanical stability and constructed to the highest standard before any linear error compensation is applied, the Galileo provides consistent results with exceptional performance.

The Galileo 150 combines a high-resolution image with a sturdy precision platform to deliver superb accuracy, speed and reliability for a wide range of measurement applications from single feature operations to complete detailed measuring routines.

Features

- 150mm x 150mm (6" x 6") measuring platform
- 140mm (5.5") Z axis
- 0.5 micron resolution scales as standard
- Adjustable Z axis position for increased working distances
- 6.5:1 zoom video optics
- Magnification range 25x - 150x approx
- Hi-Res colour CCD camera
- Fibre Optic ring and collimated sub-stage lights
- New Quadra-Chek QC300 multi functional digital readout
- Calibrated and certified system accuracy
- One year warranty

Specifications

Table Travel:

X axis 150mm (6") or 300mm (12")
Y axis 150mm (6")
Z axis 140mm (5.5")

Accuracy:

(X & Y): $E2=3.5+8L/1000$
(Z): $E1=2.5+5L/1000$

Resolution:

0.0005mm

Max Workload:

18kgs (40lbs)

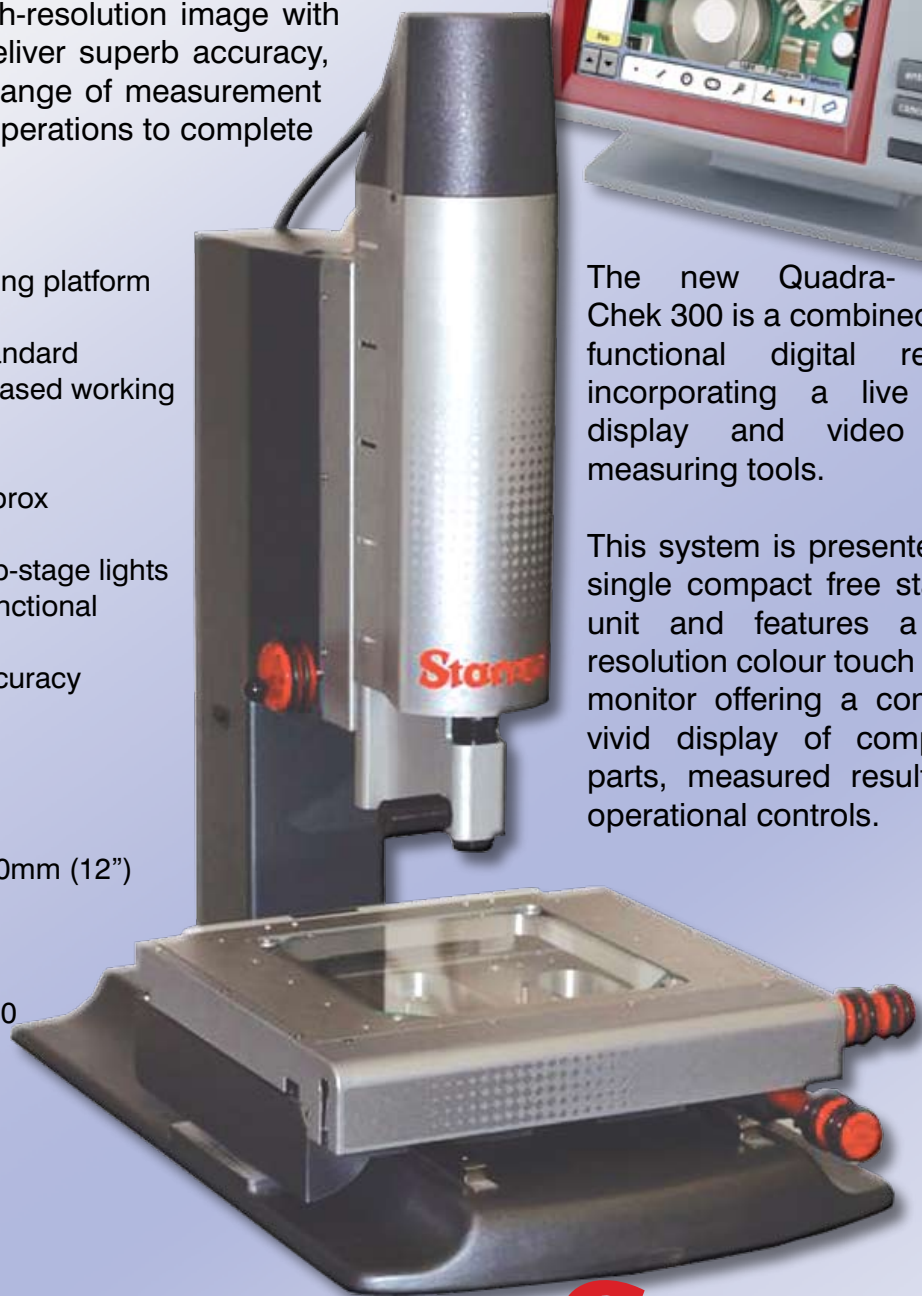
Options

300mm X axis table travel
Quadra-Chek QC5000 3D Metrology software
0.5x and 2.0x auxiliary lenses
Integrated Workstation
Coaxial Surface Illumination



The new Quadra-Chek 300 is a combined multi functional digital readout, incorporating a live video display and video edge measuring tools.

This system is presented in a single compact free standing unit and features a high-resolution colour touch screen monitor offering a combined vivid display of component parts, measured results and operational controls.



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Specifications subject to change.

Quadra-Chek 300 Series

The QC-300 features an enhanced touch-screen interface and patented Measure Magic® technology. It is ideal for the measurement of 2D features and can be used with inspection tools such as profile projectors and video systems. All QC-300 Series models include parallel, serial and USB ports for use with printers and on networks.

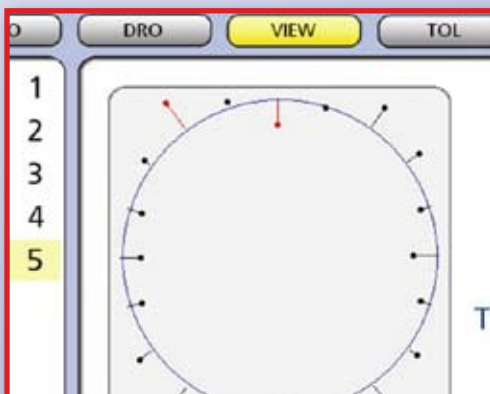


Specifications

LCD	8.4" colour touch screen SVGA
Resolution Down To	.0001mm or .000004"
Operating Temperature	0°C - 45°C
Enclosure (W x H x D)	290mm x 190mm x 70mm
Base (W x H x D)	250mm x 50mm x 190mm
Enclosure Weight	3.5lbs
Base Weight	7lbs
Input Voltage Range	85VAC - 264VAC
Input Frequency	43Hz - 63Hz

Input

Up to 4 axes
External connections:
Footswitch
Remote Keypad
RS-232C Serial Port
Parallel Port
USB
Ethernet



Results View Graphic representation of the data cloud with errors. Feature measurement results and fit type.

Tolerance : MMC		
	Nominal	Actual
X	34.5678	34.5690
Y	-21.0923	-21.0920
Z		4.0630
Nominal Actual		
	4.0625	4.0568

Tolerance Displays Translates data-intensive reports into visual displays that are readable at a glance.



Automatic Video Edge Detection For improved throughput and accuracy.

Contact us at
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Visit us at
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