

SALES & SERVICE:
A Tech Authority, Inc.
 13745 Stockton Ave.
 Chino CA 91710
 909-614-4522
 sales@atechauthority.com



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 measuring microscopes, optical comparators and video systems. All QC-300 Series models include parallel, serial and USB ports for use with printers and on networks.

Quadra-Chek 300 Series

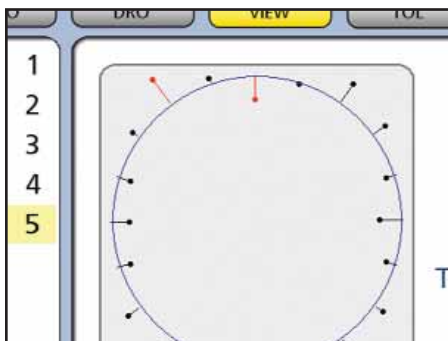


Specifications

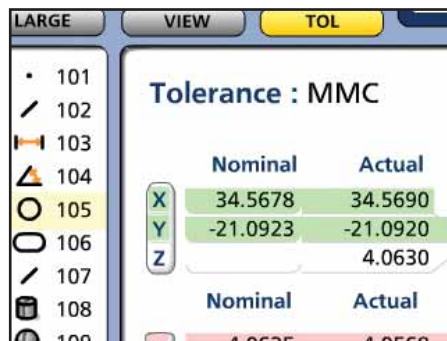
LCD	8.4" color touch screen SVGA
Resolution down to	.000004" or .0001mm
Operating temperature	0°C–45°C
Enclosure (W x H x D)	11.5" x 7.5" x 2.75"
Base (W x H x D)	10" x 2" x 7.5"
Enclosure weight	3.5 lbs
Base weight	7 lbs
Input voltage range	85 VAC–264 VAC
Input frequency	43 Hz–63 Hz

Inputs

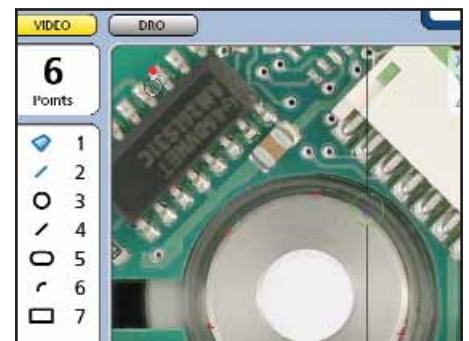
Up to 4 axes
 External connections:
Footswitch
Remote keypad
RS-232C serial port
Parallel port
USB
Ethernet



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



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



Automatic Video Edge Detection
 For improved throughput and accuracy.



Metronics Incorporated

30 Harvey Road
Bedford, NH 03110

T: 603.622.0212
F: 603.623.5623

sales@metronics.com
www.metronics.com

United Kingdom

ACI (UK) Ltd
16 Plover Close
Interchange Park
Newport Pagnell, Bucks
MK 16 9PS
UNITED KINGDOM

info@metronics.co.uk
www.metronics.co.uk

T: +44 1908 514 500
F: +44 1908 610 111

France

HEIDENHAIN France
2, Avenue de la Cristallerie
92310 SEVRES Cedex
FRANCE

courrier@acu-rite.fr
www.rmetronics-fr.com

T: +33 1 46 29 00 60
F: +33 1 45 07 24 02

Germany

ACU-RITE GmbH
Fraunhoferstrasse 1
D-83301 Traunreut, GERMANY

info@acu-rite.de
www.acu-rite.de

T: +49 8669 85610
F: +49 8669 850930

Italy

ANILAM SRL
Strada Borgaretto, 38
10043 Orbassano (TO)
ITALY

info@anilam.it
www.anilam.it

T: +39 011 9002 606
F: +39 011 9002 466

China

METRONICS China
No. 6, Tian Wei San Jei
Area A,
Beijing Tianzhu
Airport Industrial Zn
Heidenhain bldg, Shunji
District
Beijing, CHINA 101312

info@metronics.cn

T: +86 10 8042 0280
F: +86 10 8042 0281

Tawain

ANILAM Taiwan
246 Chau Fu Road
Taichung City, 407
TAIWAN, ROC

anilamtw@anilam.com.tw

T: +88 6-4 2258 7222
F: +88 6-4 2258 7260

Korea

RSF Electronics Ltd.
1224-7, Sungseok-Dong
Ilsan-Ku, Koyang-Si, Kyung
Kyung Gi-Do
KOREA

mkleer@rsf.co.kr
www.rsf.co.kr

T: +82 31 977 4136
F: +82 31 977 4139

Japan

HEIDENHAIN K.K.
Kudan Center Bldg. 10F
4-1-7 Kudan-kita

Chiyoda-ku
Tokyo 102-0073
JAPAN

T: +81 3 3234 7781
F: +81 3 3262 2539

Metronics is the world's premiere developer of metrology software and digital readouts for measuring and inspecting 2D and 3D geometric parts. Metronics' Quadra-Chek® systems are the standard control interface of the world's leading precision metrology instrument manufacturers.

Metrology software

Quadra-Chek 5200 Series 2- through 4-axis Microsoft Windows®-based measurement system for 2D applications.

Quadra-Chek 5300 Series 3- through 4-axis Microsoft Windows®-based measurement system for 3D applications.

Digital readouts

Gage-Chek 100 Series 1, 4, 8 inputs metrology displays.

Quadra-Chek 100 Series 1- through 4-axis, 1D digital readouts.

Quadra-Chek 200 Series 2- through 4-axis, 2D geometric readouts.

Quadra-Chek 300 Series 3- and 4-axis, 3D geometric readouts.

Automation kits

Stage Retrofits Bolt-on kits for microscope stages.

Light Control Programmable control of up to eight channels of light sources.

Indexers Stepper indexers to drive rotary stages and motorized zoom lenses.

Stepper Amplifiers Closed- or open-loop 2- and 3-axis stepper amplifier controllers with limit switches.

Joystick 2 or 3 axes joysticks with trackball.

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