



Gage-Chek

The new Gage-Chek is a multi-axis metrology display that accepts up to eight discrete inputs. It features intuitive visual displays, helpful audio cues and user-defined formulas. It also reports dynamic Min/Max measurements, provides SPC analysis from an integrated database and includes connectivity to PCs and other peripherals.



Specifications

LCD	6" color
Display digit size	.45"
Resolution down to	.000004" or .0001 mm
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	5.4 lbs
Base weight	6.2 lbs
Input voltage range	85 VAC–264 VAC
Input frequency	43 Hz–63 Hz

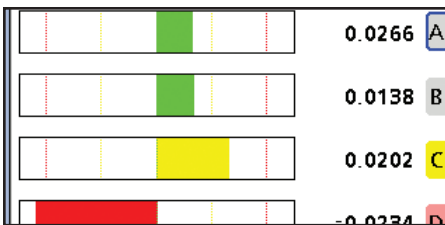
Inputs

1, 4, and 8-axis input available

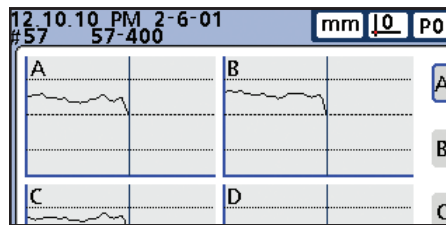
External connections:
Footswitch
Remote keypad
Touch probe
RS-232C serial port
Parallel port

Outputs

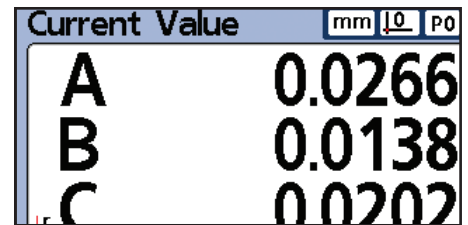
2 relay outputs



Visual feedback A highly visible, intuitive and familiar interface with standard color cues. Instantly informs operators of pass/fail performance details for critical part dimensions.



Integrated SPC database Store, retrieve and manage enormous amounts of measurement data on the shop floor. Check quality control of each gage. Share information locally and globally.



Formulas Up to 16 output channels apply mathematical formulas to measurement data for on-the-spot part analysis.



Metronics Incorporated

30 Harvey Road
Bedford, NH 03110

T: 603.622.0212
F: 603.623.5623
sales@metronics.com
www.metronics.com

Germany

ACU-RITE GmbH
Fraunhoferstr. 1
D-83301 Traunreut
GERMANY

Info@acu-rite.de
www.acu-rite.de
T: +49 8669 85 61 0
F: +49 8669 85 09 30

France

ACU-RITE SARL
2, Avenue de la Cristallerie
BP 68
92310 SEVRES Cedex
FRANCE

courrier@acu-rite-fr.com
www.metronics-fr.com
T: +33.1.46 29 00 60
F: +33.1.46 07 24 02

United Kingdom

ACI EUROPE LIMITED
16 Plover Close
Interchange Park
Newport Pagnell, Bucks
MK 16 9PS ENGLAND

sales@quadra-chek.co.uk
www.metronics.com
T: +44.1908 514 500
F: +44.1908 610 111

Italy

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

Info@anilam.it
www.anilam.it
T: +39-011-9002606
F: +39-011-9002466

Korea

RSF Electronics Ltd.
1224-7, Sungseok-Dong
Lisan-Ku, Koyang-Si, Kyunggi-Do
KOREA

mkleee@rsf.co.kr
www.rsf.co.kr
T: +82.31.977.4136.8
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 32 34 77 81
F: +81 3 32 62 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 4000 Series 2- through 4-axis Microsoft Windows®-based measurement system for 2D applications.

Quadra-Chek 5000 Series 2- through 4-axis Microsoft Windows®-based measurement system for 3D applications.

Digital readouts

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.

Gage-Chek 100 Series 1- to 8-channel, metrology displays.

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.

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