

Starrett

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776 Gage-Chek Multi-Axis Measured Value Display



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Gage-Chek 776 Series Multi-Axis Measured Value Display

The GAGE-CHEK™ 776 is a multi-axis, measured value display that accepts up to eight inputs. It features intuitive visual display, helpful audio cues and user-defined formulas. Gage-Chek also reports dynamic Min/Max measurements, provides SPC analysis from an integrated database, and includes connectivity to PC's and other Starrett tools.



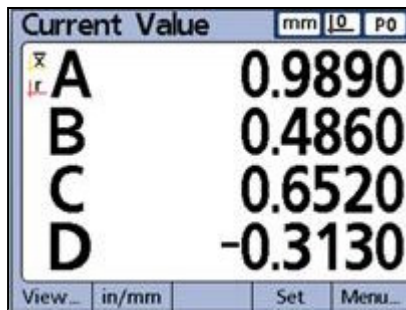
The 776 accepts multiple gage inputs simultaneously – invaluable for applications such as interfacing with this Starrett special gage fixture

Specifications

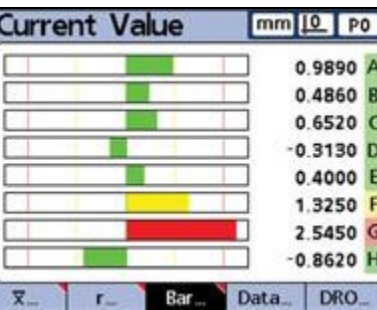
- LCD: 6" Color
- Display Digit Size: .45"
- Resolution to: .000004"/.0001 mm
- Operating Temperature: 32° - 115° F
- Enclosure (WxHxD): 11.5"x7.5"x2.75"
- Base Width (WxHxD): 10"x2"x .5"
- Enclosure Weight: 3.5 lbs
- Base Weight: 7 lbs
- Input Voltage Range: 85 VAC to 264 VAC
- Input Frequency: 43 Hz - 63 Hz
- Inputs: 1-, 4-, and 8-axis input avail.
- External Connections: Foot switch, Remote Keypad, Touch Probe, RS-232C Serial Port, Parallel Port
- Outputs: 2 Relay Outputs

Features

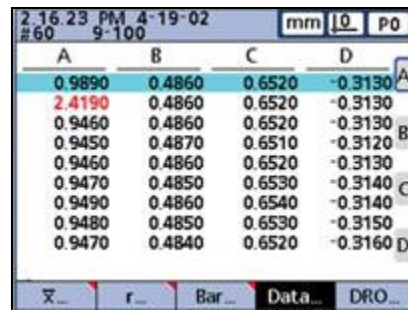
- Large (6") color flat-panel LCD screen built into a compact ergonomically designed case with an adjustable tilt base, allows comfortable positioning for the operator
- Supports 1, 4 or 8 input channels. These can be mathematically combined to display dimensions such as flatness, volume or runout
- Screens include individual readings with the capacity to display four lines simultaneously (each line 9/16" high), bar and dial position style displays, graphs and histograms of measurement statistics, and tables of measurement and SPC data
- Supports Starrett 776 Series LVTD probes and Heidenhain Spectro style 12 and 30mm range digital probes
- Measurements can be taken by the operator or in a semi-automated manner
- Large comfortable buttons allow easy selection of measurement functions, display screen changes, data entry, and zeroing the screen
- Speaker and external jack outputs can be adjusted to compensate for noisy work environments. Earphones can be plugged into speaker jack for silent operation
- Two 3" x 1/2" keys placed over the screen can be programmed as hot keys for frequently used functions
- Optional foot switch available



DRO View: The 776 features large, easy-to-read numerical display with custom dimension labels. Out of tolerance conditions are quickly identified by a change to red. Icons indicate that a process study has been performed, complete with in/out of tolerance alert. Mode switches include inch/metric, absolute/incremental, decimal degree/degrees, minutes, seconds.



Column Gage View: Color-enhanced vertical or horizontal bar graph. User selectable high and low tolerance and warning limits with audio alert provide instant feedback



Historical Data Views: Includes integrated SPC studies such as X-bar and range charts. Historical raw data may be viewed in a tabular numeric display. Statistics such as min, max, sigma, cp and cpk are available. Each dimension and all data are time and date stamped



Left: Heiden Spectro Length Probes

Right: Starrett LVDT Probes

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