

New

Gage-ChekTM

776 Series



**Multi-Axis
Measured Value
Display**

Starrett[®]

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.

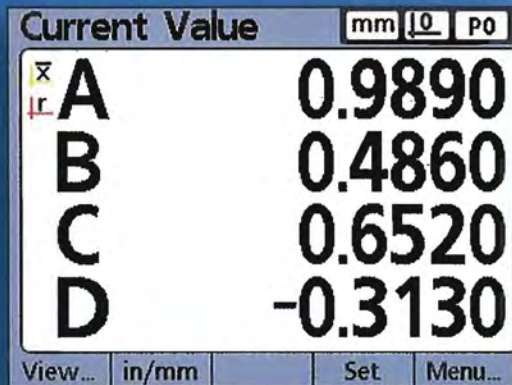


Features

- ◆ 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 LVDT 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.

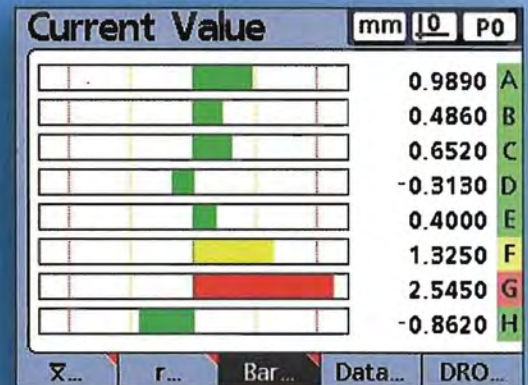
GAGE-CHEK 776

Intuitive, Easy-to-Read Displays



DRO View

Gage-Chek 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

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A	B	C	D
0.9890	0.4860	0.6520	-0.3130 A
2.4190	0.4860	0.6520	-0.3130
0.9460	0.4860	0.6520	-0.3130 B
0.9450	0.4870	0.6510	-0.3120
0.9460	0.4860	0.6520	-0.3130
0.9470	0.4850	0.6530	-0.3140 C
0.9490	0.4860	0.6540	-0.3140
0.9480	0.4850	0.6530	-0.3150
0.9470	0.4840	0.6520	-0.3160 D

$\bar{x}$... r... Bar... Data... DRO...

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.

Specifications

LCD	6" Color
Display Digit Size	.45"
Resolution down to	.000004"/.0001 mm
Operating Temperature	32° - 115° F
Enclosure (W x H x D)	11.5" x 7.5" x 2.75"
Base Width (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

1-, 4-, and 8-axis input available

External Connections

Foot switch
Remote Keypad
Touch Probe
RS-232C Serial Port
Parallel Port

Outputs

2 Relay Outputs



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

GAGE-CHEK 776

Models & Accessories

Cat. No.	EDP	Description
Gage-Chek 776 Multi-axis Metrology Displays		
776A	68635	GAGE-CHEK - 140-SP with 4 Inputs, Specto
776B	68636	GAGE-CHEK - 180-SP with 8 Inputs, Specto
776C	68761	GAGE-CHEK - 110-ST with 1 Input, LVDT
776D	68762	GAGE-CHEK - 140-ST with 4 Inputs, LVDT
776E	68763	GAGE-CHEK - 180-ST with 8 Inputs, LVDT

Accessories

719	66490	Software Wedge RS 232 for Windows®
739	64955	SPC Plus II Software
PT60642	72499	Cable RS 232, 9 to 9 Pin Serial Cable
PT60643	63843	Cable RS 232, 9 to 25 Pin Serial Cable
PT99530	68637	Two-Function Foot Switch with 8' Cable
PT62514	68638	Eight-Function Remote Keypad with 15' cable
PT62515	68639	GAGE-CHEK Instruction Manual

Heidenhain Specto Length Probes

776-12	68640	.472" (12mm) Length Probe
776-12R	68796	.472" (12mm) Length Probe Radial Exit
776-30	68641	1.180" (30mm) Length Probe
776-30R	68797	1.180" (30mm) Length Probe Radial Exit

Heidenhain Extension Cables for Specto Probes

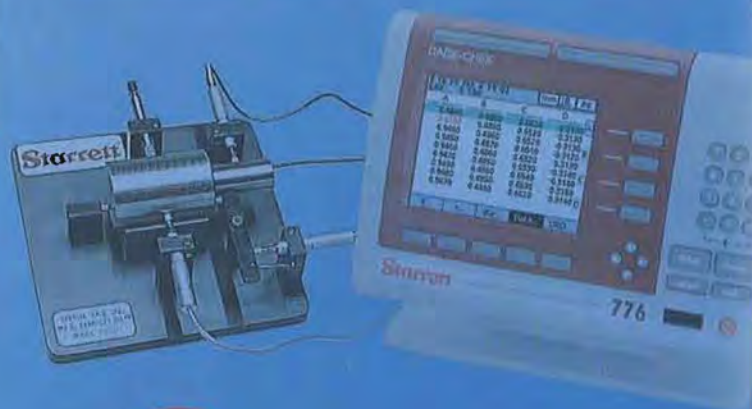
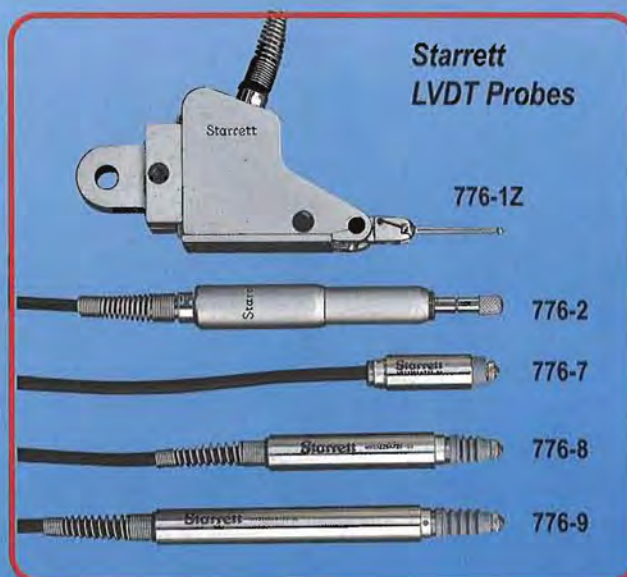
PT05713	68172	9.84' (3 Meter) Extension Cable
PT05727	68773	32.8' (10 Meter) Extension Cable

LVDT Length Probes

776-1Z	68817	± .010" (0.25mm) Lever Type Probe
776-2	68818	± .020" (0.50mm) Traditional Probe
776-7	68819	± .020" (0.50mm) Short Probe
776-8	68820	± .040" (1.00mm) Probe
776-9	68821	± .100" (2.54mm) Probe

Extension Cables for LVDT Probes

PT05414	68828	6' (1.82 Meter) Extension Cable
PT05415	68829	15' (4.5 Meter) Extension Cable



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