

**New**

# Gage-Chek™

## 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.

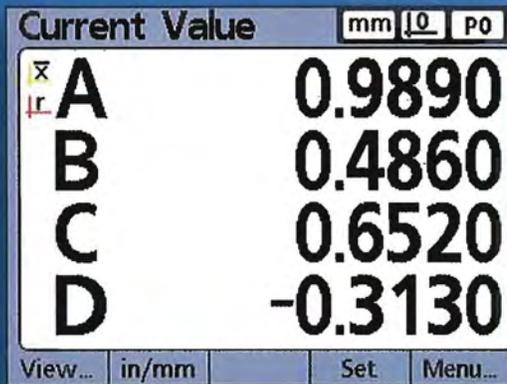


## Features

- ◆ 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.

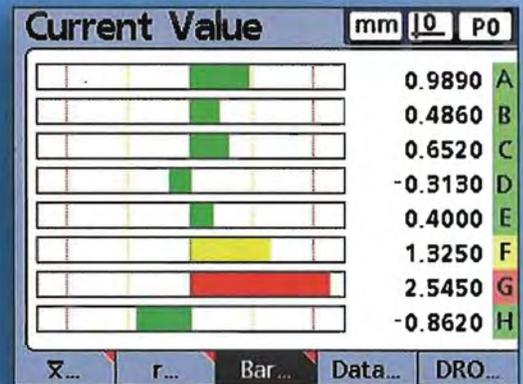
# GAGE-CHEK 776

*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

2:16.23 PM 4-19-02		#60 9-100		mm	IO	PO
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
<b>Gage-Chek 776 Multi-axis Metrology Displays</b>		
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

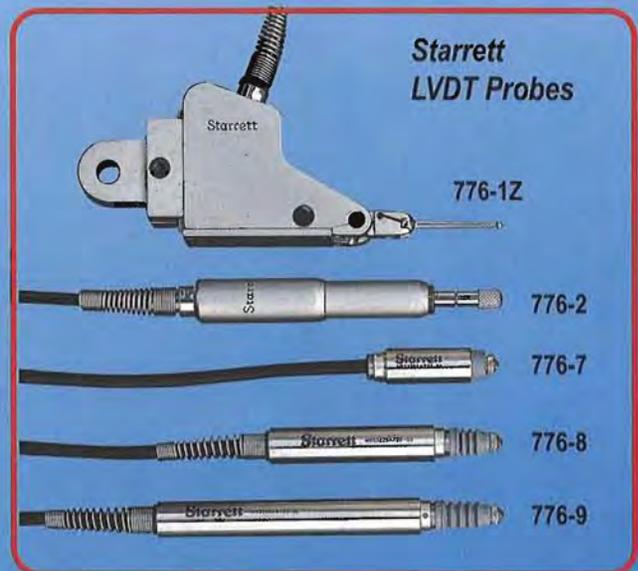
776-1Z	68817	± .010" (0.25mm) Lever Type Probe
776-2	68818	± .020" (0.50mm) Traditional Probe
776-7	68819	± .020" (0.50mm) Short Probe
776-8	68820	± .040" (1.00mm) Probe
776-9	68821	± .100" (2.54mm) Probe

### Extension Cables for LVDT Probes

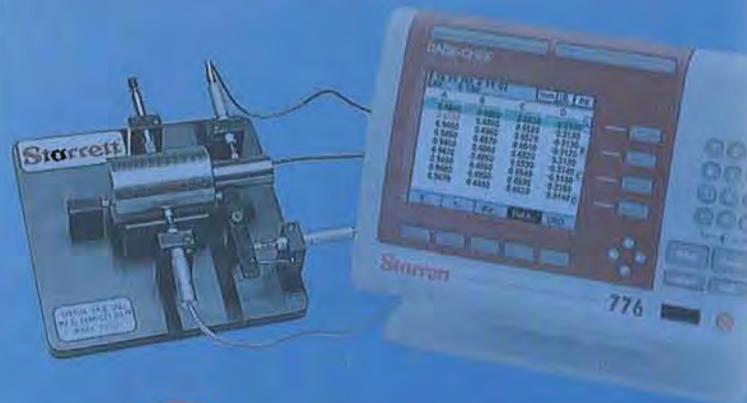
PT05414	68828	6' (1.82 Meter) Extension Cable
PT05415	68829	15' (4.5 Meter) Extension Cable



Heidenhain Specto Length Probes



Starrett LVDT Probes



# Starrett®

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