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Inside
Diameter (ID)

Outside
Diameters
(OD)

Height &
Layout

Functional &
Master Gages

Non-Contact
Measurement

Data
Collection
SPC

Amplifiers

Indicators -

FOWLER MARK V ULTRA-DIGIT INDICATOR

Fowler

Options:

Order Number: 54-520-888 ▾

Price: ~~\$694.00~~ \$659.30

SKU: 54-520-888

Ship To: yourself ▾

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Contact: service@measurenow.com
866-993-4011

- Dial Indicators
- Digital Indicators
- Test Indicators
- Physical Testing
- Depth Measurement
- Non Destructive Testing (NDT)

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CUSTOMER QUESTIONS

Product Specs:	
Order No.	Description
54-520-888	Mark V Ultra-Digit Indicator with 0-1" (25mm) range
54-520-875	Mark V Ultra-Digit Indicator with 0-1/2" (12.5mm) range
54-520-876	Mark V Ultra-Digit Indicator 0-1/2" (12.5mm) travel. Same as No. 54-520-875 but with 8mm diameter stem. Contact point thread M2.5
54-520-900	Special Mark V Ultra-Digit Indicator (for Cylinder Bore Gages only) (1/2" travel, 8mm stem, flat back) features "minimum preset"
Accessories	
54-520-763	Plastic cover for protection in harsh environments

54-115-333	Simplex Computer Kit. Includes 80" (2m) connecting cable with 9 pin IBM compatible connector support disk and instruction book
54-115-336	Duplex Connect Kit - as above but for 2 way communication
UltraDigit IV and V Backs	
54-520-762	Offset Lug Back
54-520-776	Post Plain
54-520-778	Post Back Internally Threaded Adjustable Bracket
54-520-766	Lug back for Ultra-Digit Mark IV Indicators (Standard with all units)
54-520-760	Flat back for Ultra-Digit Mark IV Indicators
54-100-350	Replacement lithium battery (type #CR2032 or BR 2032)
	Fowler's Ultra-Digit Mark V features all the functions of Mark IV indicators plus:



Min/Max/Tir modes,
tolerance signal lights,
selectable resolution,
bidirectional RS232
output and preset recall.

- .00005"/.001mm or
.0005"/.01 mm resolution
- AGD Group 2
specifications
- Display face rotates 270°
for easy viewing
- Two presets with preset
recall
- Floating zero
- Accuracy .0002"/.005mm
- Repeatability
.0001"/.002mm ($\pm 2S$)
- Min/Max/TIR
- Tolerance lights
- Selectable resolution
- Preset recall
- Bi-directional RS232
output

Mark IV Features:

- The non-contact scale inductive measuring system is insensitive to dust, dirt, oils and electrical or magnetic interference
- Direct inch/metric conversion
- High contrast LCD display for fatigue-free viewing. LCD display has indicators for in/mm, hold, reference, preset zero functions
- Dual measuring references, each one individually presettable to ± 99.99999
- Low drain, high efficiency lithium wafer battery - 4500 hrs. continuous on time. Extended battery life 2-3 years with on/off switch
- Repeatability $/0001"$ ($.002\text{mm}$), $\pm 2\text{s}$
- Incremental floating zero. If tool is used for SPC, the zero button can automatically be configured as data I/O switch
- Increased measuring, tracking speed of approximately 1.5 meters (60")/second - impossible to overrun measuring speed
- Hold feature freezes display
- Display face rotates 270°
- Non-contact scale measuring system - no gears or pinions or other moving parts
- Top lifting knob
- Direct RS232C output allows connection of the tool to any computer or printer. No Interface is necessary. For direct SPC output, hook up the tool with the specially constructed optocoupled cable. Free IBM compatible

computer software included with cable for tolerancing, min/max/tir, analog display, large display and SPC data collection

- AGD Group 2 dimensional specifications. (3/8" mounting, lug back, 4-48 thread)
- Rugged housing constructed from high impact Polyamid, stainless steel shank and spindle
- Temperature range 41-104°F working -4 to 140°F storage

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