



Sylvac Digital Indication Units



Fowler/Sylvac's New D100S Digital Indication Unit #54-618-151 provides multiple functions and is designed for use with all existing Sylvac probes and Bowers gage transducer handles. It features a very bright display, serial and parallel outputs and a protected keyboard.

Features:

- Tilt base.
- Up to 64 channels or probes.
- Min/Max/Mean/Tir functions.
- Preset, tolerance and classification modes.
- Inch/metric conversion.
- Selectable measuring direction.
- Digital and analog display.
- Probe scanning for fixture applications.
- Linearity correction up to 25 points.
- Includes programmable footswitch.
- Includes \bar{x} charts, histograms and statistics.

Specifications (ccfl graphic display):

- 2.756 x 1.575"(70 x 40mm), LCD, digital + analog scale, 7 digits.
- Selectable resolution:
.01"—.001"—.0001"—.00001" or
0.1mm—0.01mm—0.001mm—0.0001mm.
- RS232-C serial input/output port.
- Power supply: external AC adaptor 120V or battery. (Life approximately 20 hours).
- Dimensions: 8.94" x 3.03" x 5.20" (227mm x 77mm x 132mm).
- Weight: 3.48 lbs./1.3 kg.

Fowler/Sylvac's D-80 Digital Display Unit, accepts all Sylvac probes and Bowers bore gage transducer handles. It features a fluorescent display and is compatible with all D-100S accessory units.

- Up to 8 channels or probes.
- Preset and tolerance modes.
- Inch/metric conversion.
- Selectable measuring direction.
- Linearity correction up to 25 points.
- Includes programmable footswitch.
- Tilt base.
- Selectable Resolution.

Specifications:

- Display: VFD, 7 segments, 8 digits
- Housing: ABS plastic, IP50 protection
- Flat/sealed keyboard
- Power supply: external AC adaptor 120V
- Dimensions: 8.94" x 1.50" x 5.20"
(227mm x 38mm x 132mm)



Order No.	Description
54-618-151	Digital Indication Unit (D-100S). Includes foot pedal #54-618-165
54-618-140	Digital Display Unit (D-80). Includes foot pedal #54-618-165
54-618-144	Opto-Adapter D80 (to connect Opto RS232 gages to D80)
54-618-166	Cable: D80/D100S RS232C 9m/9m 2 meter length
54-618-167	Cable: D80/D100S RS232C 9m/9m 3 meter length
54-618-168*	Cable: D-80/D-100S to 54-903-500 (QC Printer)

Accessories:

- #54-618-152—2 Channel Access Unit allows connection of 2 Sylvac Probes and/or Bowers bore gage transducer handles.
- #54-618-158—8 Channel Access Unit allows connection of up to 8 Sylvac Probes and/or Bowers bore gage transducer handles. It is possible to program the sum or difference measurement between 2 probes. Scanning of 8 channels can be done automatically.
- #54-618-160—Pneumatic Unit controls lifting and lowering of up to 16 probes. Used with 54-618-600 and 54-618-601.
- #54-618-162—Pneumatic Extension Unit controls 16 additional probes beyond the first 16 probes controlled by the 54-618-160.
- #54-618-163—Vacuum unit.
- #54-618-164—Vacuum extension unit.



▲ #54-618-152



▲ #54-618-158



▲ #54-618-160



▲ #54-618-162



▲ #54-618-163



Order No.	Description
54-618-152	Two Channel Access Unit. for 54-618-151/140
54-618-158	Eight Channel Access Unit. for 54-618-151/140
54-618-160	Pneumatic Unit for 54-618-151/140.
54-618-162	Pneumatic Extension Unit. requires 54-618-160
54-618-163	Vacuum unit for use with probes #54-618-355 and 365. for 54-618-151/140
54-618-164	Vacuum extension unit for use with probes #54-618-355 and 365. requires 54-618-163