Mitutoyo

Ph 866-945-5742
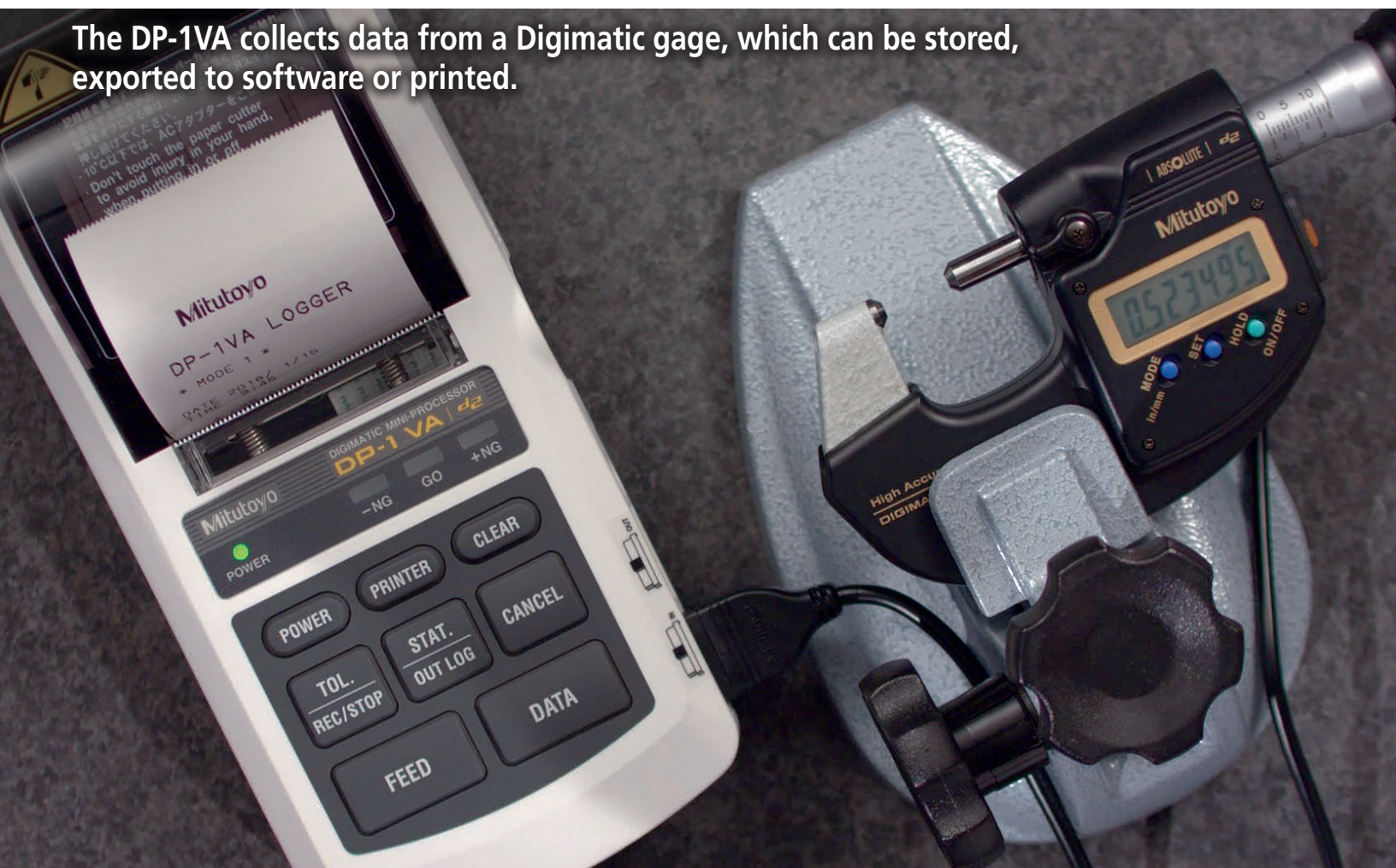sales@willrich.com

DP-1VA
Digimatic Data Logger & Printer

MeasurLink® ENABLED
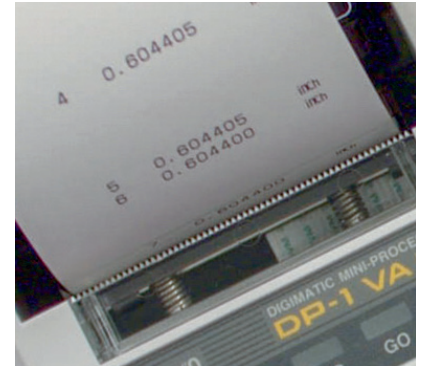Data Management Software by Mitutoyo

The DP-1VA collects data from a Digimatic gage, which can be stored, exported to software or printed.

SMALL TOOL INSTRUMENTS AND DATA MANAGEMENT

Store. Send. Print.

NEW Products

USB connection allows collected data to be easily transferred from the DP-1VA to the PC. The output is HID or VCP so data can be sent directly to Excel or data collection software such as IT-Pak or MeasurLink.

Digimatic 2 function allows the high resolution of the gage to be output in its entirety in metric or inch.

DP-1VA Data Collection

- A gage with SPC output is connected to the DP-1VA with an SPC cable.
- The data for each part measured is printed or sent directly to a PC through a USB cable.
- This data can be triggered by the button on the gage, cable or the DP-1VA. The footswitch can also be used.

Data Logger:
– Data can be stored internally or printed.
– Up to 1,000 measurements can be stored.

Timer:
– Data collection can be triggered by a timer function. The DP-1VA can collect data unattended to measure changes over time.

Tolerance and SPC:
– Tolerances can be set in the unit and statistics can be calculated and printed directly from the DP-1VA.
– No additional software is required.

DP1VA Tool Tip video

Order No.	264-505A
Data input	Digimatic, Digimatic 2, RS-232C input (for KA Counter Only)
Printing method	Thermal Line Printer
Character specifications	Total dot number: 384 dots/line
	Dot size: 8 dots/mm
	Normal font: 24 x 16 dots
	Large font: 36 x 24 dots
Print speed	0.8 s/line when using AC adapter
Print capacity	7,000 lines/roll with Large font
	10,000 lines/roll with Normal font
Print data	Measuring data, go/±no go, number of data, maximum minimum value, range, average, standard deviation, number of defective, function defective, process capability index, histogram, D-chart, control chart generation for X-bar and central limit data, data and time
Printer paper	High durability thermal paper.
	Width: 58mm. Roll length: 48m
Power supply	100 V 50/60 Hz AC adapter (6 V, 2 A)
	AA alkaline batteries x4
Battery life	About 10,000 lines at 20 C
Data processing capability	Mode 0: 100,000 data entries
	Mode 1: 9,999 data entries
	Mode 3: sample size 10 x subgroup 9,999 =
	Total number of data entries: 99,990
Tolerance judgement	5 sets
Logging of measurement data	Max 1,000 points
Timer input	0.25 s, 1 s, 5 s, 30 s, 1 min, 30 min, 60 min
Data Output	USB Output
	RS-232C output at TTL level
	Tolerance judgment result output (-NG, GO, +NG)
Clock precision	+/-2 min max/month
Internal battery life	10 years
Operating temperature range	0 C to 45 C with AC adapter
	10 C to 45 C with batteries
External Dimensions	94mm x 201mm x 75mm

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