

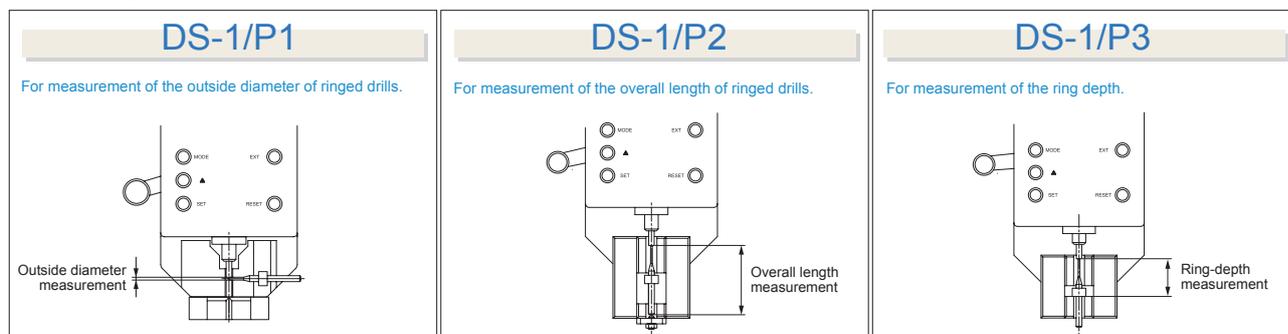
Digital passameter

DS-1

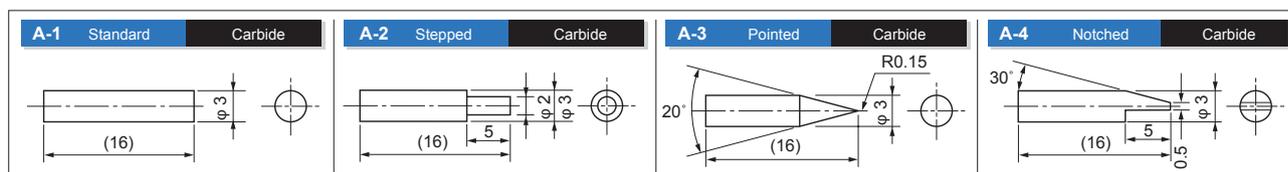


These highly accurate digital micrometers use UNION TOOL's own spindle structure (SF-class) crossed roller guides, together with precise glass scales. Use the lever to open the probes, then place the object to be measured between them, so that measurement is carried out under a constant pressure; the value is displayed digitally.

- ❑ The spring can be repositioned or replaced to select four levels of measurement force (0.15N, 0.29N, 0.49N, 0.98N), depending on what is being measured.
- ❑ The unique cam mechanism cancels out variations in measurement force caused by spring force.
- ❑ The crossed roller guide mechanism eliminates lateral play and slides very easily.
- ❑ The comparator function can determine whether what is being measured passes or fails.
- ❑ The RS-232C interface can output measurement data to a computer or other equipment.

Work-rest Options See below

Anvil Options



- 1) When placing an order, please indicate the anvil type after the work-rest such as DS-1/P1-A1.
- 2) Custom anvils can be manufactured to our customer's specifications. Please contact a distributor or sales office to discuss your specific needs.

Specifications

Measuring range	0~15(mm)
Resolution	1(μm)
Accuracy	2(μm) ◊ 1
Maximum. Response speed	400(mm/s)
Measuring pressure	0.15/0.29/0.49/0.98(N)
Interface	RS-232C ◊ 2 BCD serial data, polarity output Comparator judgment output
Display	6digit and -(minus) symbol, comparator judgment indicator
Functions	Comparator (measurement beyond upper and lower limits) Measurement value memory backup
Power source	AC100(V)50/60Hz (Original AC adaptor provided) ◊ 3
Operating temperature	5~40(°C)
Weight	1.8(kg)
Dimensions	72W×164D×75H(mm)

- ◊ 1. Does not include quantization errors.
- ◊ 2. RS-232C cable and "CU-S" spreadsheet in put soft-wave soft ware are optional items.
- ◊ 3. Please indicate the electrical supply in your specific country when ordering this equipment as this can vary. A different AC adaptor is available for use overseas.