

Signal Gauges/Signal Checker

0.001mm, 0.01mm and 0.05mm Type

S-5

- With its high resolution of 0.001mm scale, it is most suitable for judgement of the values measured on finished parts with high accuracy.



S-5
Graduation: 0.001mm
Measurement range: 0.1(±0.05)mm

S-7

- With its resolution of 0.01mm scale, it is generally used. Its pointer is in an anti-shock structure so as to give stable discriminating signals.



S-7
Graduation: 0.01mm
Measurement range: 1.0(±0.5)mm

S-9

- With its most gross scale of 0.05mm, it is applicable to select grossly worked parts and as cast parts at the low-est costs.



S-9
Graduation: 0.05mm
Measurement range: 3.0(±1.5)mm

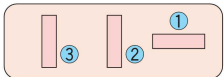
SC-2A

- Once its tolerance is set, a dial gauge is dismantled before using it so that its endurance is really improved. With its large tolerance setting range of 3mm, it is most suitable for judgement of the measured values in a wide tolerance range.



SC-2A
Measurement range: 3mm

Specifications

Model	S-5	S-7	S-9	SC-2A
Spindle Movable Range	3mm	3mm	4mm	10mm
Graduation	0.001mm	0.01mm	0.05mm	※ In SC-2A type, the minimum readable value depends on a dial gauge to be attached.
Tolerance Setting Range	0.1 (±0.05) mm	1.0 (±0.5) mm	3.0 (±1.5) mm	3mm
Accuracy	±0.002mm	±0.005mm	±0.025mm	±0.005mm
Measuring Force	Less than 1.2N (120gf)			
Contact capacity	MAX DC24V 20mA			
Number of judgement Stages	Three stages of -NG, OK and +NG			
Cord length	2m			
Contact point	X-2A			
Stem diameter	φ 8 ⁰ _{-0.03} mm			
Operating temperature range	0~60°C			
Options	Code Length 5m 10m / Back cover with Lug (GB-1A)			Code Length 5m 10m
Dial indicator for setting				Model 107F, 5F
Weight	180g			150g
Cable signal table	S-5, S-7, S-9  <ul style="list-style-type: none"> ① ...COM (blue) black —NG with ① and ② at ON ② ...-NG (red) +NG with ① and ③ at ON ③ ...+NG (white) OK with ①, ②, and ③ at OFF 		SC-2A <ul style="list-style-type: none"> ① ...COM (blue) black —NG with ①, ②, and ③ at OFF ② ...OK (red) OK with ① and ② at ON ③ ...+NG (white) +NG with ①, ②, and ③ at ON 	
Caution	<ul style="list-style-type: none"> ● When the current of 10 to 20 mA is used to drive a photocoupler, etc., the contact may be worn a little earlier. ● In SC-2A type, the COM terminal is body-grounded (If leak current is found in other devices, put a gauge into floating status before mounting it). ● In SC-2A type, a spindle can be set in a range from its free status to 3mm. Although it may be movable in excess of this limit, you cannot set it in such an excessive level in order to protect the spindle. ● In SC-2A type, when a dial gauge is dismantled after setting the tolerance, never forget to mount a dust protective cap. 			