

EMA

Adequate for large scale measurement

Digital caliper adequate for large scale measurement

EMA60J

Inside measurement
Outside measurement
Measurement of difference in level

■ EMA : Specifications (Unit : mm)

Model	Measuring length	Resolution	Instrumental error	Power supply	Weight	A	B	C	D	E	F
EMA60J	600	0.01	±0.05	CR2032 1 piece	1.4Kg	800	165	28	89	28	60
EMA100J	1000		±0.07								

DMK-J

Black scale on gold base provides easy-to-see display and is adequate for instantaneous reading.

With "Scale dial", instantaneous reading is available. The caliper with dial allows quick reading of measurement.

Dial direct reading method

DMK15J

Inside measurement
Outside measurement

- The scale dial allows quick reading.
- The black scale on a gold base provides easy-to-see display.
- The shock resistance is improved, allowing use without anxiety.

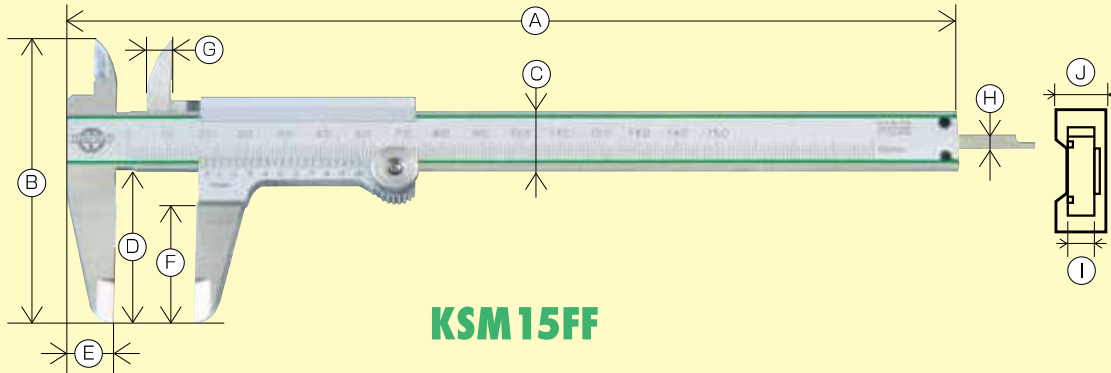
■ DMK-J : Specifications (Unit : mm)

Model	Measuring length	Resolution	Instrumental error	Rotation of pointer	Weight	A	B	C	D	E	F	G	H
DMK15J	150	0.01	±0.02	1	150g	235	16	77	40	14	30	7	5
DMK20J	200		±0.03	1	210g	290	17	90	50	17	38	7	5
DMK30J	300		±0.04	1	320g	395	17	105	64	18	50	9	3.8

KSM-FF / SM

Standard vernier caliper for normal measurement

This standard scale type vernier caliper provides measurement without fatigue of eyes.



KSM15FF

- The upper and lower grooves in the main scale side reduce irregular reflection on the scale surface. In addition, the green color imposes a less load to eyesight, resulting in less fatigue of eyes.

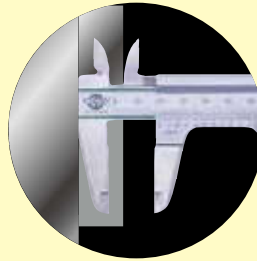
Inside measurement



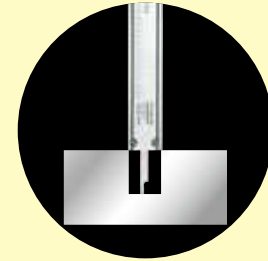
Outside measurement



Measurement of difference in level



Measurement of depth

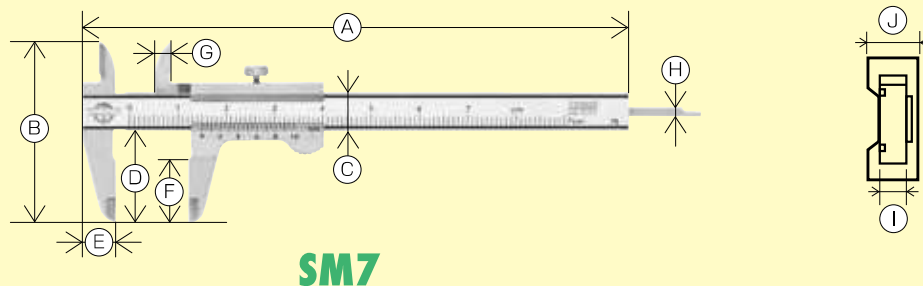


■ KSM-FF : Specifications

(Unit : mm)

Model	Measuring length	Minimum reading	Instrumental error	Weight	A	B	C	D	E	F	G	H	I	J
KSM15FF	150	0.05 (Division of 39 mm into 20 equal parts)	±0.05	130g	230	77	16	40	14	28	7	3.8	3	6
KSM20FF	200			180g	290	91	17	50	17	37	7.5	3.8	3	6
KSM30FF	300			250g	390	91	17	50	17	37	7.5	3.8	3	6

Mini vernier caliper and standard long scale vernier caliper



SM7

■ SM : Specifications

(Unit : mm)

Model	Measuring length	Minimum reading	Instrumental error	Weight	A	B	C	D	E	F	G	H	I	J
SM7	70	0.05	±0.05	23g	113	38	8	19	7	13	3.5	1.8	2	4.6
SM150	1500	0.05 (Division of 39 mm into 20 equal parts)	±0.16	6.5kg	1780	268.7	40	160	45	125	20	—	9	16
SM200	2000		±0.20	12.5kg	2325	330	50	200	50	150	23	—	11	20
SM250	2500		±0.24	14.5kg	2825	330	50	200	50	150	23	—	11	20
SM300	3000		±0.30	17.0kg	3325	330	50	200	50	150	23	—	11	20
SM400	4000		±0.40	25.0kg	4325	330	50	200	50	150	23	—	11	20

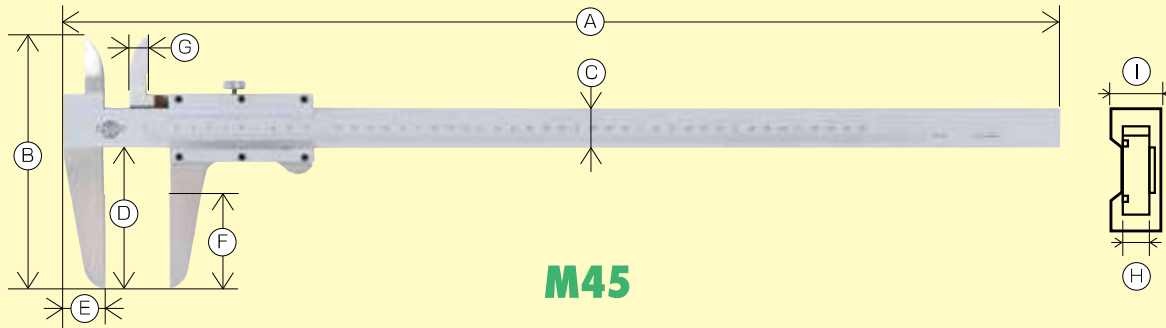
* The minimum reading of SM7 is 0.05 (division of 19 mm into 20 equal parts).

* SM150 to SM300 are not equipped with any depth bar.

M / M-60P

Standard vernier caliper for normal measurement

"Standard type"



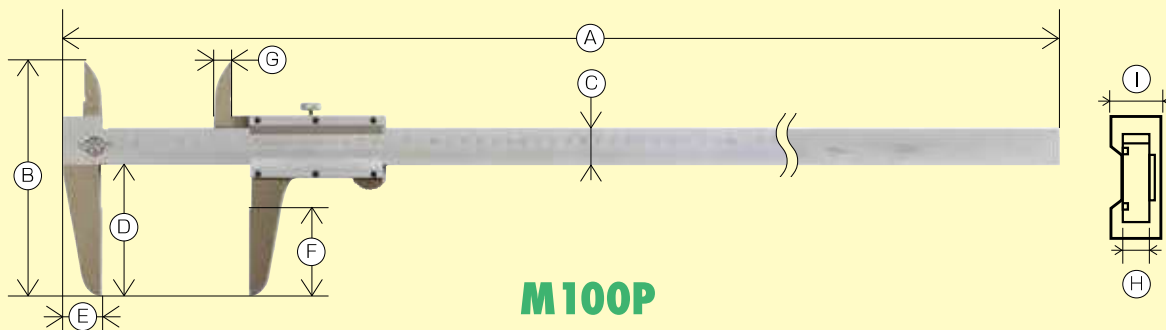
■ M : Specifications

(Unit : mm)

Model	Measuring length	Minimum reading	Instrumental error	Weight	A	B	C	D	E	F	G	H	I
M45	450	0.05 [Division of 39 mm into 20 equal parts]	±0.10	900g	625	161.5	25	90	25	60	12.5	6	12.5
M50	500			1.13kg	670	161.5	25	90	25	60	12.5	6	12.5
M60	600		±0.11	1.25kg	780	161.5	25	90	25	60	12.5	6	12.5
M100	1000		±0.15	3.50kg	1250	222	32	130	32	85	16	8	15

* Production of M40 was ceased. As an alternative product, we sell PITA40. (See page 3.)

Although the measuring length is large,
this vernier caliper is light and can be held easily with one hand.
Also the price is reasonable.



■ M-P : Specifications

(Unit : mm)

Model	Measuring length	Minimum reading	Instrumental error	Weight	A	B	C	D	E	F	G	H	I
M60P	600	0.05 [Division of 39 mm into 20 equal parts]	±0.11	612g	800	111.6	20	64.2	18.9	48	9.4	4	8
M100P	1000			±0.15	1.9kg	1250	161.5	25	90	25	60	12.5	6

* M60P M100P are not equipped with any JIS mark. The instrumental error is within the JIS specification.