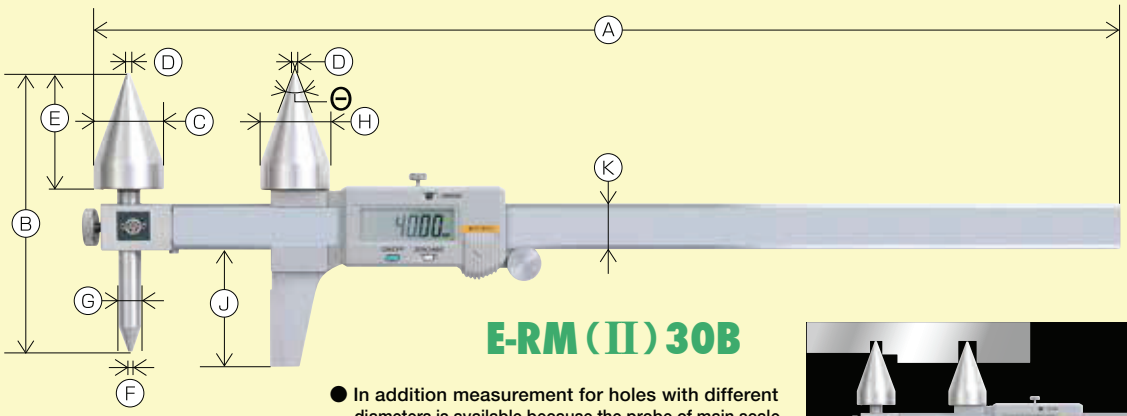
E-RM(Ⅱ)／E-RM-S

Adequate for center distance measurement for holes

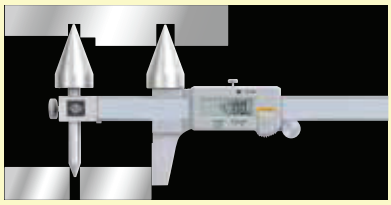
ONLY ONE

Caliper for measuring circular hole center distance adequate for "offset system" with vertical movement of probe and measurement of "small diameter hole and small surface"



E-RM(Ⅱ)30B

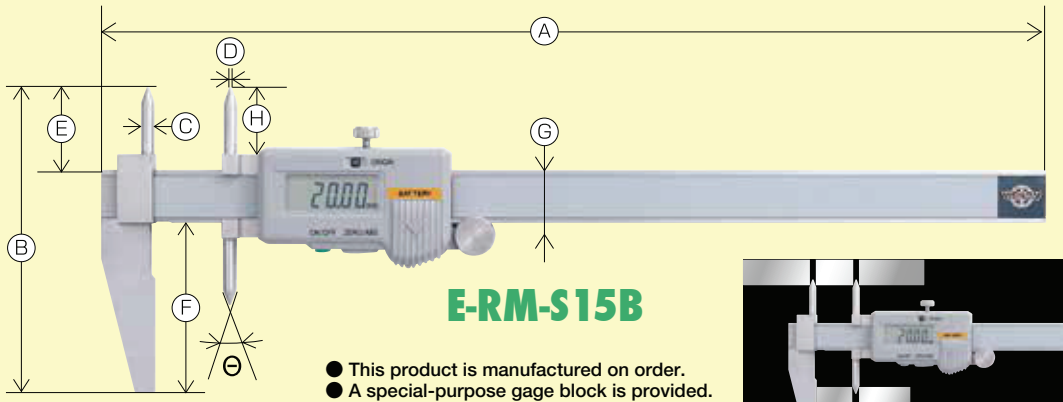
- In addition measurement for holes with different diameters is available because the probe of main scale moves vertically.
- A special-purpose gage block is provided.
- The printer output function is provided.



■ E-RM(Ⅱ) : Specifications

(Unit : mm)

Model	Measuring range		Resolution	Instrumental error	Minimum hole diameter	Maximum hole diameter	Power supply	Weight	A	B	C	D	E	F	G	H	J	K	Θ
	Pitch for upper side	Pitch for lower side																	
E-RM(Ⅱ)15B	25～150	20～150	0.01	±0.05	ϕ1	ϕ5	SR44 1 piece	160g	254	70	ϕ6	ϕ0.2	—	ϕ0.2	ϕ6	ϕ6	40	16	53°
E-RM(Ⅱ)30B	35～300	25～300			ϕ3	ϕ29		530g	438	120	ϕ30	ϕ2	50	ϕ2	ϕ10	ϕ30	50	20	40°
E-RM(Ⅱ)60B	35～600	25～600						1.7kg	799								70	25	



E-RM-S15B

- This product is manufactured on order.
- A special-purpose gage block is provided.
- The printer output function is provided.

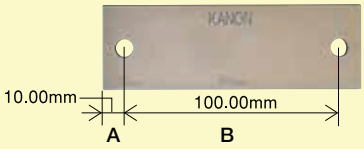
■ E-RM-S : Specifications

(Unit : mm)

Model	Measuring range		Resolution	Instrumental error	Minimum hole diameter	Maximum hole diameter	Power supply	Weight	A	B	C	D	E	F	G	H	Θ
	Pitch for upper side	Pitch for lower side															
E-RM-S15B	5～150	3～150	0.01	±0.05	ϕ0.8	ϕ4	SR44 1piece	160g	280	90.7	ϕ4	ϕ0.8	24.7	50	16	20	40°

Method of setting with special-purpose gage block

Method of measurement on upper and lower sides with E-RM-B series (E-RM60B/E-RM(II)-B/E-RM-S-B) special-purpose gage block



Special-purpose gage block

[In case of E-RM60B]

Measurement on lower side

Position the lower measurement section to the dimension A side of the gage block.
At this time, ensure that no clearance of measuring surface is present in the edge face side.
Press the ON/OFF switch and then press the ZERO/ABS switch.
At this time, dimension A of 10 mm becomes the zero point.
＊When the measured value is indicated, add or subtract it to or from dimension A of 10 mm.

(Example 1) If "8.00" is indicated:
8.00 + 10 mm (dimension A) = 18.00 mm (actual size)
(Example 2) If "-0.05" is indicated:
-0.05 + 10 mm (dimension A) = 9.95 mm (actual size)

Measurement on upper side

Position the upper measurement section to the dimension B side of the gage block.
At this time, ensure that the probe is securely inserted into the hole.
Press the ON/OFF switch and then press the ZERO/ABS switch.
At this time, dimension B of 100 mm becomes the zero point.
＊When the measured value is indicated, add or subtract it to or from dimension B of 100 mm.

(Example 3) If "25.00" is indicated:
25.00 + 100 mm (dimension B) = 125.00 mm (actual size)
(Example 4) If "-25.00" is indicated:
-25.00 + 100 mm (dimension B) = 75.00 mm (actual size)