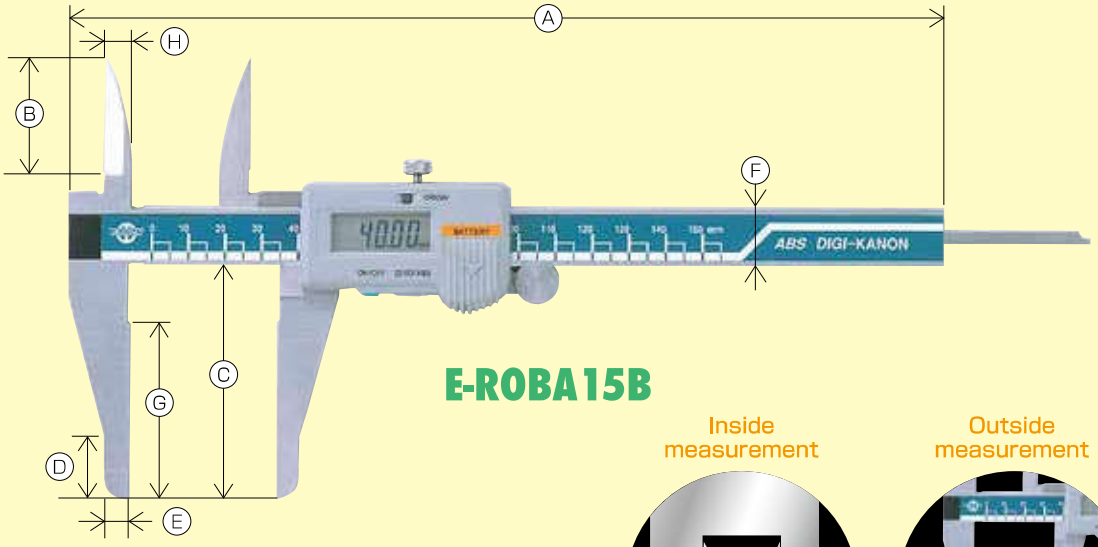
E-ROBA／ROBA

ROBA caliper with donkey shape

ONLY ONE

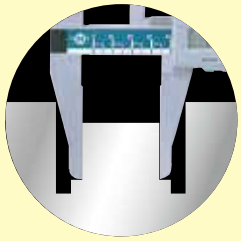
Adequate for measurement of inside and outside of narrow and deep part!



E-ROBA15B

Inside measurement

Outside measurement

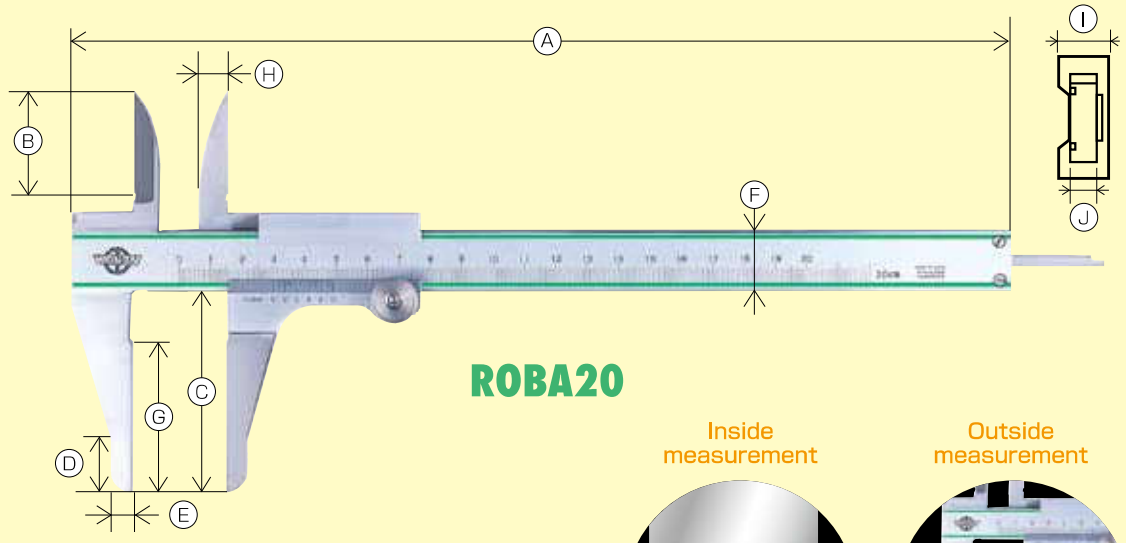


- Since the jaw for inside and the jaw for outside are long, the product is adequate for measurement of the inside and outside of a narrow and deep location.
- The printer output function is provided.

■ E-ROBA：Specifications

(Unit : mm)

Model	Measuring length	Resolution	Instrumental error	Power supply	Weight	A	B	C	D	E	F	G	H
E-ROBA15B	150	0.01	±0.03	SR44 1piece	180g	247	34	64	17	6.5	16	48	9
E-ROBA20B	200				200g	297							



ROBA20

Inside measurement

Outside measurement

- Since the jaw for inside and the jaw for outside are long, the product is adequate for measurement of the inside and outside of a narrow and deep location.

■ ROBA：Specifications

(Unit : mm)

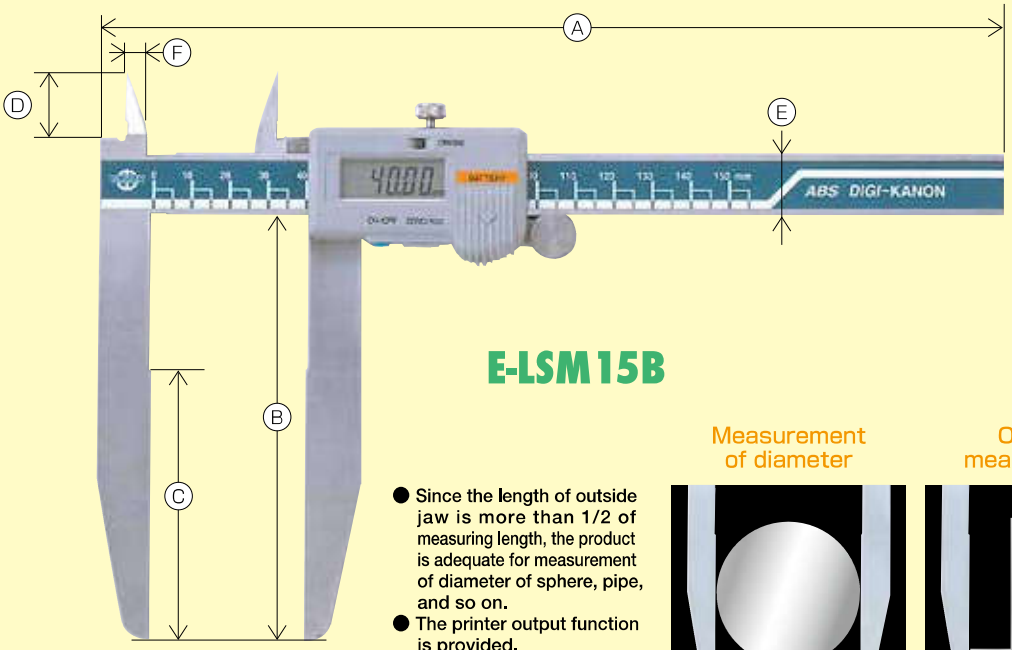
Model	Measuring length	Minimum reading	Instrumental error	Weight	A	B	C	D	E	F	G	H	I	J
ROBA15	150	0.05 (Division of 19 mm into 20 equal parts)	±0.07	270g	250	34	64	17	6.5	20	48	9	8	4
ROBA20	200			310g	300									
ROBA30	300		±0.08	370g	410									

E-LSM／LSM

Long jaw caliper

ONLY ONE

Adequate for measurement of diameter of ball, pipe, etc.!

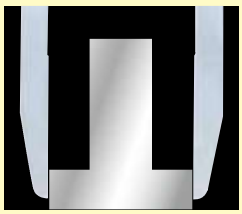


E-LSM15B

- Since the length of outside jaw is more than 1/2 of measuring length, the product is adequate for measurement of diameter of sphere, pipe, and so on.
- The printer output function is provided.

Measurement of diameter

Outside measurement

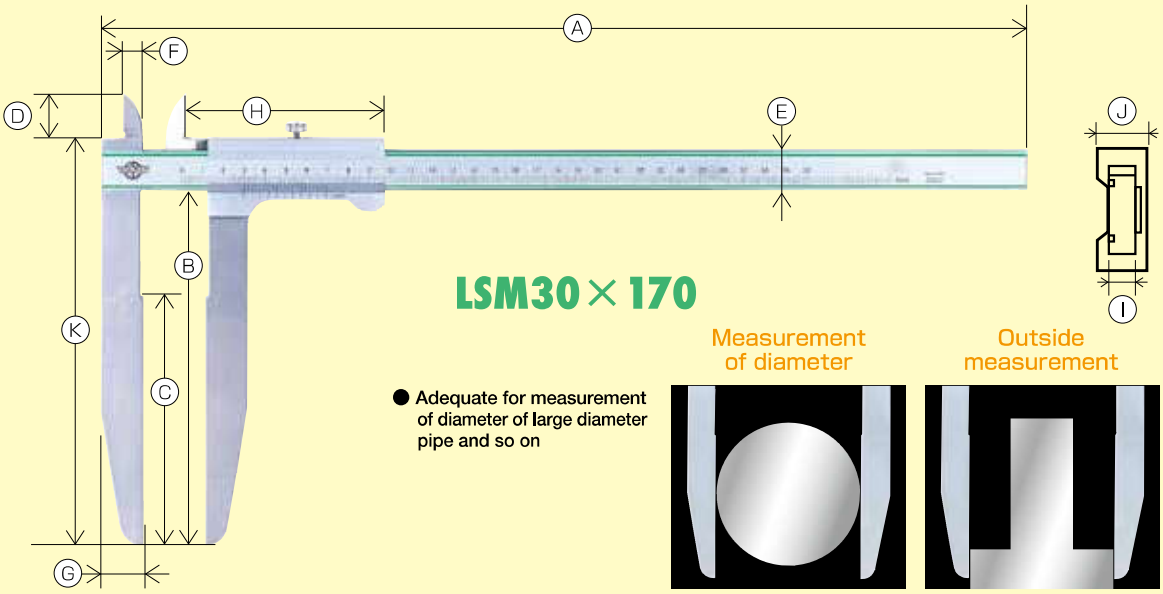


■ E-LSM：Specifications

(Unit : mm)

Model	Measuring length	Length of jaw	Resolution	Instrumental error	Power supply	Weight	A	B	C	D	E	F
E-LSM15B	150	110	0.01	±0.05	SR44 1piece	220g	236	110	70	20	16	6
E-LSM20B	200	110				250g	290					
E-LSM30B	300	170				490g	400	170	120	22.1	20	8.75
E-LSM60B	600	320		±0.07		4.8kg	780	320	200	—	25	—

＊E-LSM60B is not equipped with the inside jaw.



LSM30×170

- Adequate for measurement of diameter of large diameter pipe and so on

Measurement of diameter

Outside measurement

■ LSM：Specifications

(Unit : mm)

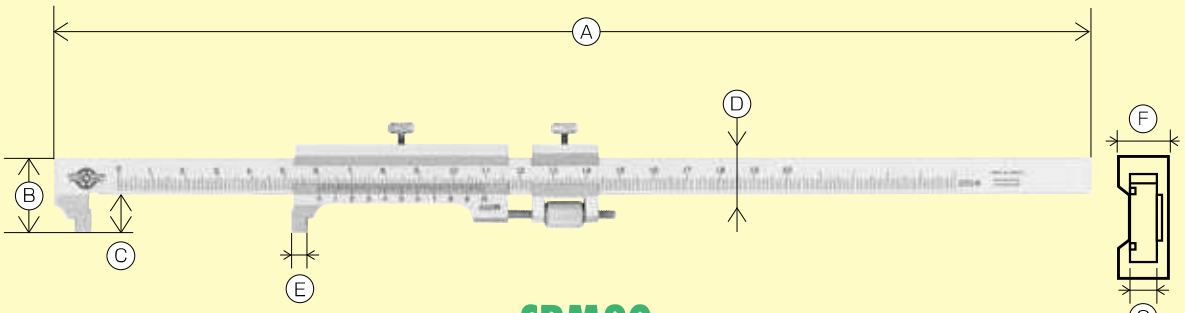
Model	Measuring length	Length of jaw	Minimum reading	Instrumental error	Weight	A	B	C	D	E	F	G	H	I	J	K
LSM15×80	150	80	0.05 (Division of 39 mm into 20 equal parts)	±0.07	160g	295	80	50	22	20	10	20	95	4	8	105.5
LSM20×110	200	110			220g	345	110	70								135.5
LSM30×170	300	170		±0.08	440g	445	170	120								195.5
LSM45×230	450	230		±0.10	1.23kg	630	230	150	—	25	—	25	—	6	12.5	255
LSM60×320	600	320		±0.11	3.50kg	825	320	200	—	32	—	32	—	8	15	352

＊LSM45/60 is not equipped with the inside jaw.

SBM

Adequate for measurement of step machining part in hole

With "Short leg jaw", this product can be easily used for measurement of step machining part in a hole.



SBM20

● Since the jaw is short, the product is adequate for measurement of step machining in a deep hole.

■ SBM : Specifications (Unit : mm)

Model	Measuring length	Minimum reading	Instrumental error	Weight	A	B	C	D	E	F	G
SBM20	200	0.02 (Division of 49 mm into 50 equal parts)	±0.03	180g	310	22.5	11.5	11	5	8	4
SBM30	300		±0.04	210g	410	22.5	11.5	11	5	8	4

SNAP GAUGE

For inspection of precision of vernier caliper

With "Various sizes", this snap gauge allows quick inspection of inside and outside of vernier caliper.

SNAP GAGE 15

SNAP GAGE STAND

■ SNAP GAUGE : Specifications (Unit : mm)

Model	Measuring length	Weight
SNAP GAGE 5	50	0.4kg
SNAP GAGE 10	100	0.5kg
SNAP GAGE 15	150	0.6kg
SNAP GAGE 20	200	1.0kg
SNAP GAGE 30	300	1.6kg

● By mounting the product to the special-purpose stand, the gage becomes stable, allowing more accurate inspection of vernier caliper.

■ SNAP GAUGE STAND (Options)

Model	Weight
SNAP GAGE STAND (common to all sizes)	3.2kg