

ELECTRONIC DIGITAL INSIDE MICROMETER



Provided with an SK ring gauge (Made in Japan) for zero-point setting! Ready to use immediately.



MCD334-30I



MCD334-50I



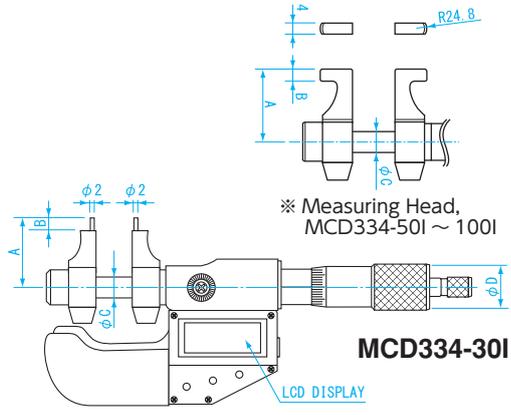
MCD334-75I



MCD334-100I



DIMENSIONS



MCD334-30I

Units: mm

Model No.	A	B	C	D
MCD334-30I	28	5	8	18
MCD334-50I	28	5	8	18
MCD334-75I	28	5	8	18
MCD334-100I	28	5	8	18

USE • For inside diameter measurement

- MATERIAL**
- Frame : Ductile cast iron
 - High carbon chrome steel

- FEATURES**
- Digital display for easy reading
 - Provided with a reference ring gauge
 - MCD334-30I : ϕ 5
 - MCD334-50I : ϕ 25
 - MCD334-75I : ϕ 50
 - MCD334-100I : ϕ 75
 - With ratchet stop
 - Auto-display-off function (after 5 min.)
 - Carbide tipped measuring faces

POWER

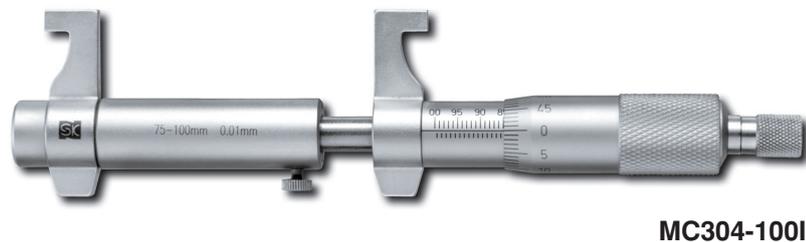
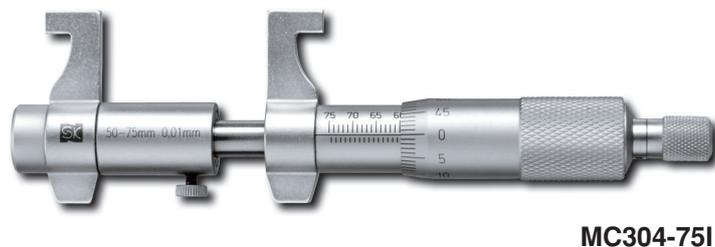
- One SR44 (Silver oxide) battery included for testing

Order No.	Model No.	Measuring Range (mm)	Resolution (mm)	Maximum Error [※] (μ m)	Weight
151235	MCD334-30I	5 – 30	0.001	6	330g
151236	MCD334-50I	25 – 50	0.001	6	330g
151237	MCD334-75I	50 – 75	0.001	8	300g
151238	MCD334-100I	75 – 100	0.001	8	320g

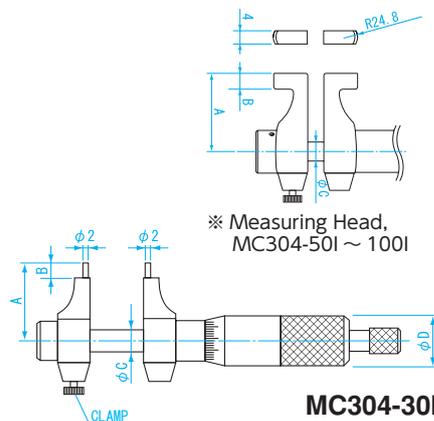
※ Quantization Error (\pm 1 digit) not included

CALIPER TYPE INSIDE MICROMETERS

Provided with an SK ring gauge (Made in Japan) for zero-point setting! Ready to use immediately.



DIMENSIONS



USE • For inside diameter measurement

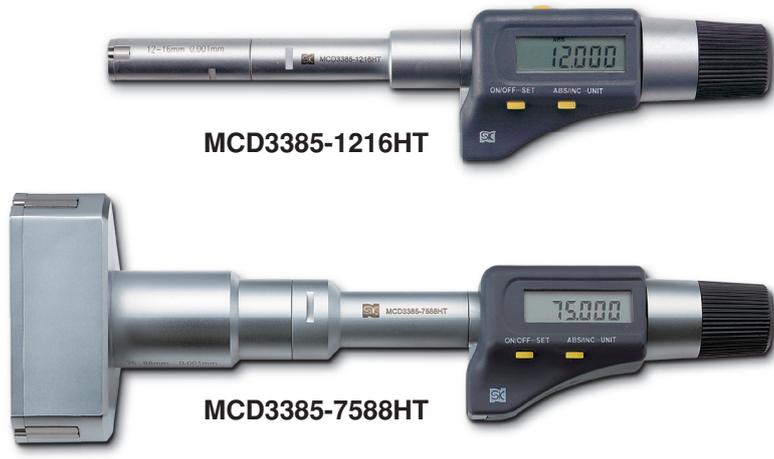
MATERIAL
 • High carbon chrome steel

- FEATURES**
- Provided with a reference ring gauge
 - MC304-30I : ϕ 5
 - MC304-50I : ϕ 25
 - MC304-75I : ϕ 50
 - MC304-100I : ϕ 75
 - With ratchet stop
 - Carbide tipped measuring faces

Model No.	A	B	C	D
MC304-30I	28	5	8	18
MC304-50I	28	5	8	18
MC304-75I	28	5	8	18
MC304-100I	28	5	8	18

Order No.	Model No.	Measuring Range (mm)	Resolution (mm)	Maximum Error (μ m)	Weight
151230	MC304-30I	5 ~ 30	0.01	5	140g
151231	MC304-50I	25 ~ 50	0.01	6	150g
NEW 151232	MC304-75I	50 ~ 75	0.01	7	160g
NEW 151233	MC304-100I	75 ~ 100	0.01	8	190g

ELECTRONIC DIGITAL THREE-POINT INTERNAL MICROMETERS

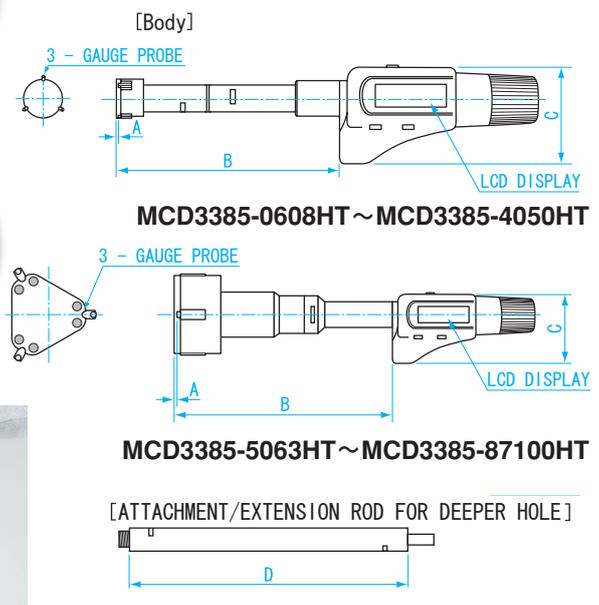


MCD3385-1216HT

MCD3385-7588HT



DIMENSIONS



MCD3385-0608HT ~ MCD3385-4050HT

MCD3385-5063HT ~ MCD3385-87100HT

Units: mm

Model No.	A	B	C	D
MCD3385-0608HT	less than 2	85	43	100
MCD3385-0810HT	less than 2	85	43	100
MCD3385-1012HT	less than 2	85	43	100
MCD3385-1216HT	less than 1	100	43	150
MCD3385-1620HT	less than 1	100	43	150
MCD3385-2025HT	less than 1	105	43	150
MCD3385-2530HT	less than 1	105	43	150
MCD3385-3040HT	less than 1	110	43	150
MCD3385-4050HT	less than 1	110	43	150
MCD3385-5063HT	less than 1	127	43	150
MCD3385-6275HT	less than 1	127	43	150
MCD3385-7588HT	less than 1	127	43	150
MCD3385-87100HT	less than 1	127	43	150

USE

- Measurement of internal diameter

FEATURES

- Self-centering, three-points for accurate measurement of internal diameters. Measurement can be taken closer to the bottom of the blind bore, and can be taken into a deep hole with an extension rod
- Carbide tipped contact points
- Quick display of the measured value
- With ratchet stop
- Includes a setting ring
- Auto display off function(after 5 min.)
- One SR44 (Silver oxide) battery included for testing
- High carbon chrome steel

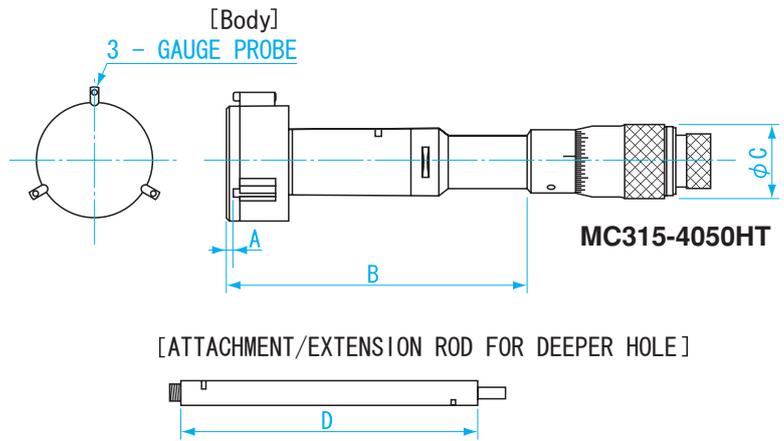
Order No.	Model No.	Measuring Range (mm)	Resolution (mm)	Maximum Error* (μm)	Weight
152221	MCD3385-0608HT	6 - 8	0.001	4	180g
152222	MCD3385-0810HT	8 - 10	0.001	4	180g
152223	MCD3385-1012HT	10 - 12	0.001	4	180g
152224	MCD3385-1216HT	12 - 16	0.001	4	230g
152225	MCD3385-1620HT	16 - 20	0.001	4	230g
152226	MCD3385-2025HT	20 - 25	0.001	4	300g
152227	MCD3385-2530HT	25 - 30	0.001	4	320g
152228	MCD3385-3040HT	30 - 40	0.001	4	420g
152229	MCD3385-4050HT	40 - 50	0.001	5	510g
152230	MCD3385-5063HT	50 - 63	0.001	5	710g
152231	MCD3385-6275HT	62 - 75	0.001	5	720g
152232	MCD3385-7588HT	75 - 88	0.001	5	990g
152233	MCD3385-87100HT	87 - 100	0.001	5	1010g

* Three-point micrometer is precision instrument. For best performance, temperature should be around 20°C with sufficient time to acclimate. Extreme temperatures may affect accuracy and performance of measurement instruments
 ※ Quantization Error (± 1 digit) not included



MC315-1216HT

DIMENSIONS



[ATTACHMENT/EXTENSION ROD FOR DEEPER HOLE]



Units: mm

Model No.	A	B	C	D
MC315-0608HT	less than 2	55	18	100
MC315-0810HT	less than 2	55	18	100
MC315-1012HT	less than 2	55	18	100
MC315-1216HT	less than 1	80	25	150
MC315-1620HT	less than 1	80	25	150
MC315-2025HT	less than 1	90	25	150
MC315-2530HT	less than 1	90	25	150
MC315-3040HT	less than 1	97	25	150
MC315-4050HT	less than 1	97	25	150

- USE**
- Measurement of internal diameter
- FEATURES**
- Self-centering, three-points for accurate measurement of internal diameters. Measurement can be taken closer to the bottom of the blind bore, and can be taken into a deep hole with an extension rod
 - Carbide tipped contact points
 - High carbon chrome steel
 - With ratchet stop
 - Includes a setting ring

Order No.	Model No.	Measuring Range (mm)	Graduation (mm)	Maximum Error (μm)	Weight
152201	MC315-0608HT	6 ~ 8	0.001	4	70g
152202	MC315-0810HT	8 ~ 10	0.001	4	70g
152203	MC315-1012HT	10 ~ 12	0.001	4	80g
152204	MC315-1216HT	12 ~ 16	0.005	4	200g
152205	MC315-1620HT	16 ~ 20	0.005	4	210g
152206	MC315-2025HT	20 ~ 25	0.005	4	290g
152207	MC315-2530HT	25 ~ 30	0.005	4	310g
152208	MC315-3040HT	30 ~ 40	0.005	4	430g
152209	MC315-4050HT	40 ~ 50	0.005	5	520g

※ Three-point micrometer is precision instrument. For best performance, temperature should be around 20°C with sufficient time to acclimate. Extreme temperatures may affect accuracy and performance of measurement instruments

Standard Cylinder Gauges

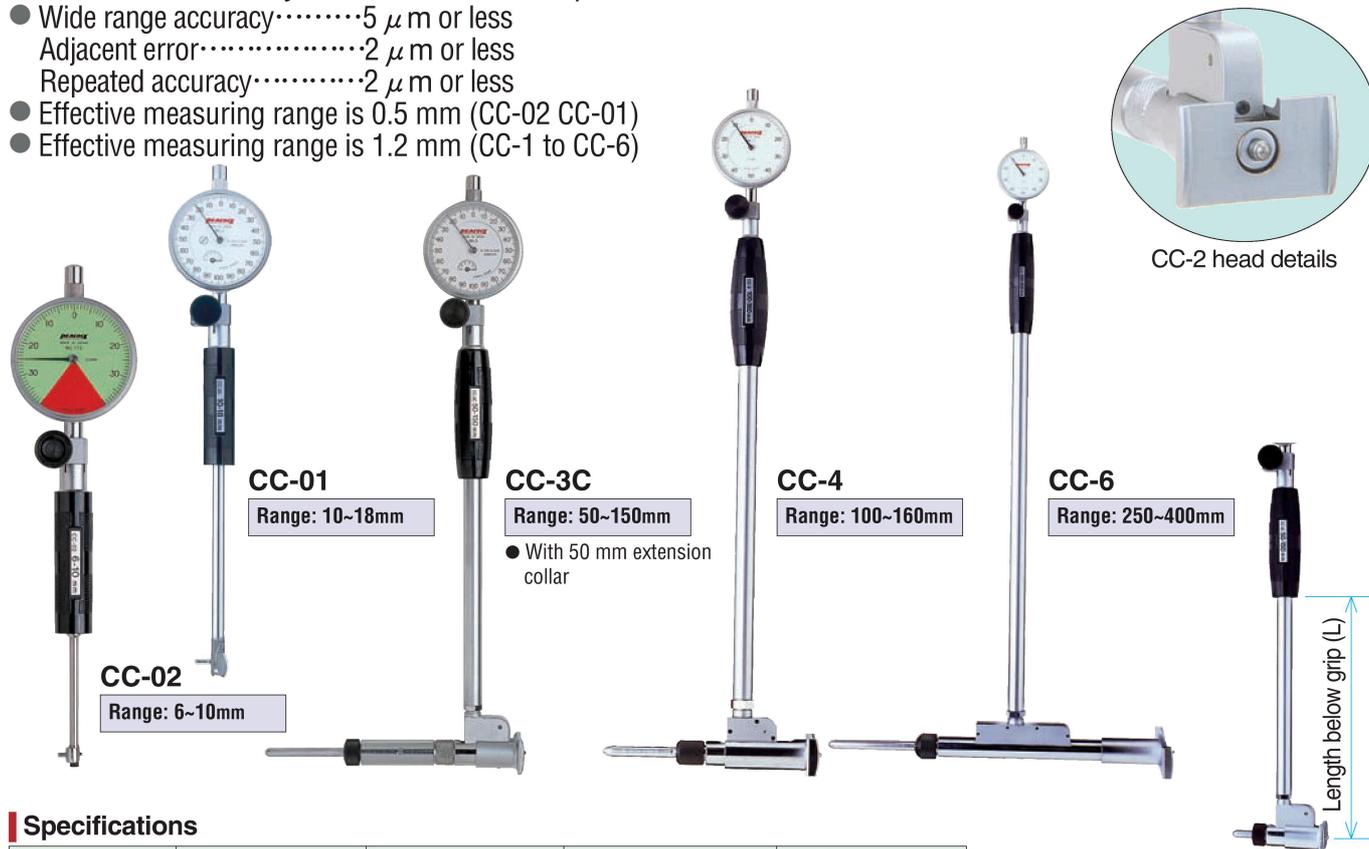
CC series

Peacock offers a complete line of Dial Bore Gauges with interchangeable anvils and necessary accessories to perform close tolerance measurements of holes, taper and roundness.

- Dial gauge mounting knob is very simple of and sure avoiding demerit of collet-system.
- The contact point is tungsten carbide ball.
- The standard ball tipped at the replacement rod is made of steel.
The sintered hard-alloy ball is also available to tip.
- Wide range accuracy..... $5\ \mu\text{m}$ or less
Adjacent error..... $2\ \mu\text{m}$ or less
Repeated accuracy..... $2\ \mu\text{m}$ or less
- Effective measuring range is 0.5 mm (CC-02 CC-01)
- Effective measuring range is 1.2 mm (CC-1 to CC-6)



Standard Cylinder Gauges



Specifications

Model	Range (mm)	Length below grip (mm)	Number of Feelers (mm)	Thickness of Washers (mm)
CC-02	6 ~ 10	50	Intervals 0.5 mm x 9	—
CC-01	10 ~ 18	100	Intervals 1 mm x 9	0.5 mm
CC-1	18 ~ 35	150	Intervals 2 mm x 9	0.5, 1 mm each
CC-2	35 ~ 60	150	Intervals 5 mm x 6	1,2,3 mm each
CC-3	50 ~ 100	150	Intervals 5 mm x 11	1,2,3 mm each
CC-3C	50 ~ 150	150	Intervals 5 mm x 11	1,2,3 mm each
CC-4	100 ~ 160	250	Intervals 10 mm x 7	1,2,3,4 mm each
CC-5	160 ~ 250	250	Intervals 10 mm x 10	1,2,3,4 mm each
CC-6	250 ~ 400	400	Intervals 10 mm x 16	1,2,3,4 mm each

※Dial gauge is not furnished and supplied only on request. Suitable dial gauges are 17Z, 57B (0.01mm) and 15Z, 5F (0.001mm).



CC-1 complete set

● List of special length below grip (available on request)

	L=50 (mm)	L=100 (mm)	L=200 (mm)	L=300 (mm)	L=400 (mm)	L=500 (mm)	L=600 (mm)	L=700 (mm)	L=800 (mm)	L=900 (mm)	L=1000 (mm)	L=1500 (mm)	L=2000 (mm)
CC-01	●	standard	●	●	—	—	—	—	—	—	—	—	—
CC-1	CC-1S	●	●	●	●	●	—	—	—	—	—	—	—
CC-2	CC-2S	●	●	●	●	●	●	●	●	●	●	●	●
CC-3	CC-3S	●	●	●	●	●	●	●	●	●	●	●	●
CC-3C	CC-3CS	●	●	●	●	●	●	●	●	●	●	●	●
CC-4	●	●	●	●	●	●	●	●	●	●	●	●	●
CC-5	●	●	●	●	●	●	●	●	●	●	●	●	●
CC-6	●	●	●	●	standard	●	●	●	●	●	●	●	●

● More than L=600mm for CC-2 can not measure from 35 to 44mm and can measure from 45 to 60mm ID.

Short Size Cylinder Gauges

S series

This is a compact cylinder gauge with a length below grip of 50 mm.

It is used when a standard item is too long to measure the object or a shorter length of below grip is required for conveniently.

Specifications are same as standard model.



CC-1S

Range: 18~35mm



CC-2S

Range: 35~60mm



CC-3CS

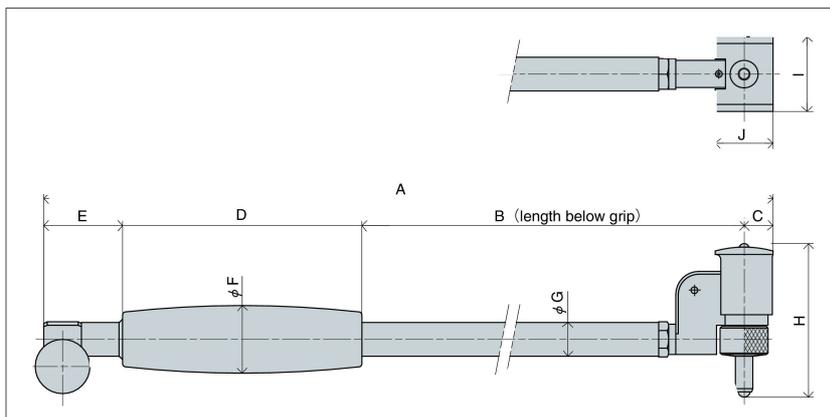
Range: 50~150mm

● With 50 mm extension collar



Short Size Cylinder Gauges

Outer Dimension



Dimension

Model	A	B	C	D	E	F	G	H	I	J
CC-1	249	150	5.75	70	23	20	10	18~35	13	11.5
CC-2	251.5	150	8.5	70	23	20	10	35~60	22	17
CC-3	253	150	9	70	23	20	10	50~100	30	18
CC-3C	253	150	9	70	23	20	10	50~150	30	18
CC-4	370	250	12	85	23	25	13	100~160	50	24
CC-5	391.5	251.5	14	100	26	25	16	160~250	70	28
CC-6	540	400	14	100	26	25	16	250~400	100	28
CC-1S	150	50	5.75	70	23	20	10	18~35	13	11.5
CC-2S	151.5	50	8.5	70	23	20	10	35~60	22	17
CC-3S	152	50	9	70	23	20	10	50~100	30	18
CC-3CS	152	50	9	70	23	20	10	50~150	30	18

DIGITAL BORE GAUGES



Includes digital gauge and protective cover

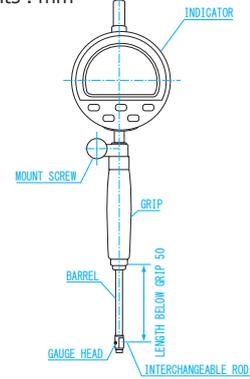


Measuring Head



DIMENSIONS • PARTS NAME

Units : mm



- USE** • Bore measurement
- MATERIAL** • Body : Steel
- FEATURES** • Includes digital gauge and protective cover
• Digital display for easy reading
• One CR2032(Lithium)battery included for testing

Order No.	Model No.	Weight					
151730	CDI-10D	250g					
Resolution (mm)	Measurement Range (mm)	Error over Entire Range* (μm)	Indication Error 1/10 rev** (μm)	Repeatability* (μm)	Effective Stroke of Gauge Head (mm)	Interchangeable Rod	Interchangeable Washer
0.002	6-10	12	5	3	0.6	9 pcs (0.5mm step)	None

※ Quantization Error (± 1 digit) not included
* Including attached digital gauge

DIGITAL BORE GAUGES



Includes digital gauge and protective cover

DIAL GAUGES

DIAL INDICATORS

THICKNESS GAUGES

BORE GAUGES

CALIPER GAUGES

HARDNESS-TENSION GAUGE

MAGNETIC BASE



CDI-18D Measuring Head



CDI-35D Measuring Head



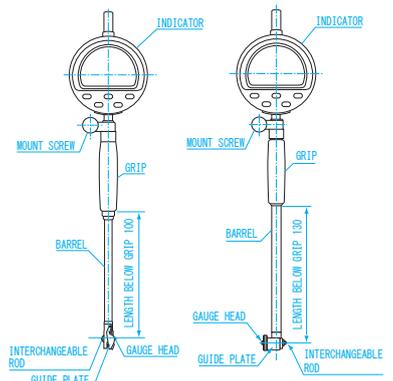
CDI-18D



CDI-35D

DIMENSIONS • PARTS NAME

Units : mm



CDI-18D

CDI-35D

- USE** • Bore measurement
- MATERIAL** • Body : Steel
- FEATURES** • Includes digital gauge and protective cover
• Digital display for easy reading
• One CR2032 (Lithium) battery included for testing

Order No.	Model No.	Weight
151731	CDI-18D	270g
151732	CDI-35D	350g

Resolution (mm)	Measurement Range (mm)	Error over Entire Range* (μm)	Indication Error 1/10 rev** (μm)	Repeatability* (μm)	Effective Stroke of Gauge Head (mm)	Interchangeable Rod	Interchangeable Washer
0.002	10-18	12	5	3	0.8	9 pcs (1.0mm step)	0.5mm - 1pc
0.002	18-35	15	5	3	1.2	9 pcs (2.0mm step)	0.5·1mm - 1 pc each

※ Quantization Error (± 1 digit) not included
* Including attached digital gauge

Includes digital gauge and protective cover



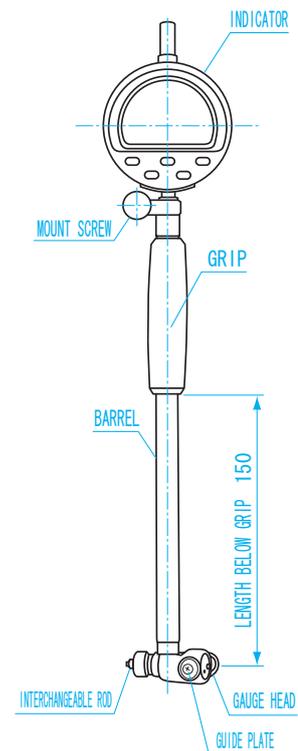
CDI-160D



Measuring Head

DIMENSIONS · PARTS NAME

Units : mm



- USE** • Bore measurement instrument
- MATERIAL** • Body : Steel
- FEATURES** • Includes digital gauge and protective cover
- Digital display for easy reading
- One CR2032(Lithium) battery included for testing

Order No.	Model No.	Weight
151733	CDI-50D	400g
151734	CDI-100D	450g
151735	CDI-160D	450g

Resolution (mm)	Measurement Range (mm)	Error over Entire Range* (μm)*	Indication Error 1/10 rev** (μm)*	Repeatability* (μm)*	Effective Stroke of Gauge Head (mm)	Interchangeable Rod	Interchangeable Washer
0.002	35- 50	15	5	3	1.2	4 pcs (5.0mm step)	0.5·1·2·3mm 1 pc each
0.002	50-100	18	6	3	1.6	11pcs (5.0mm step)	
0.002	50-160	18	6	3	1.6	12 pcs (5.0mm step) 1pc sub rod	

※ Quantization Error (± 1 digit) not included
* Including attached digital gauge

DIAL GAUGES
DIAL INDICATORS
THICKNESS GAUGES
BORE GAUGES
CALIPER GAUGES
HARDNESS-TENSION GAUGE
MAGNETIC BASE

DIAL BORE GAUGES

Includes dial gauge and protective cover

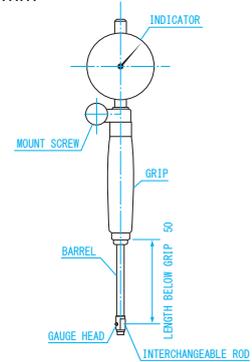


Measuring Head



DIMENSIONS • PARTS NAME

Units : mm



- USE** • Bore measurement
- MATERIAL** • Body : Steel
- FEATURES** • Includes dial gauge and protective cover

Order No.	Model No.	Weight
151591	CDI-10	520g

Graduation (mm)	Measurement Range (mm)	Error over entire range (μm)*	Indication Error 1/10 rev (μm)*	Repeatability (μm)*	Effective stroke of Gauge head (mm)	Interchangeable Rod	Interchangeable Washer
0.01	6~10	12	5	3	0.7	9 pc (0.5mm step)	None

* Including attached dial gauge

DIAL BORE GAUGES

Includes dial gauge and protective cover



CDI-18 Measuring Head



CDI-35 Measuring Head



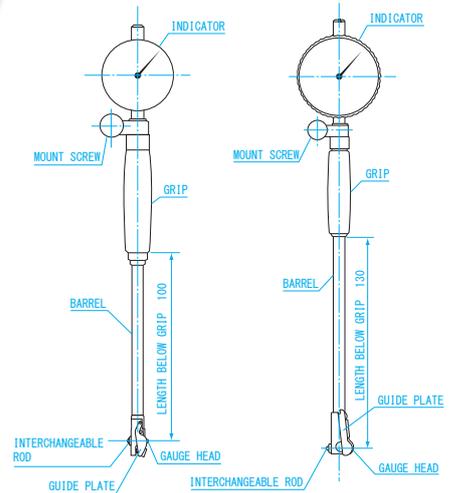
CDI-18



CDI-35

DIMENSIONS • PARTS NAME

Units : mm



CDI-18

CDI-35

- USE** • Bore measurement
- MATERIAL** • Body : Steel
- FEATURES** • Includes dial gauge and protective cover

Order No.	Model No.	Weight
151592	CDI-18	520g
151593	CDI-35	680g

Graduation (mm)	Measurement Range (mm)	Error over Entire Range (μm)*	Indication Error 1/10 rev (μm)*	Repeatability (μm)*	Effective Stroke of gauge head (mm)	Interchangeable Rod	Interchangeable Washer
0.01	10~18	12	5	3	0.9	9 pc (1.0mm step)	1 pc 0.5mm
0.01	18~35	15	5	3	1.0	7 pc (2.5mm)	None

* Including attached dial gauge

Includes dial gauge and protective cover



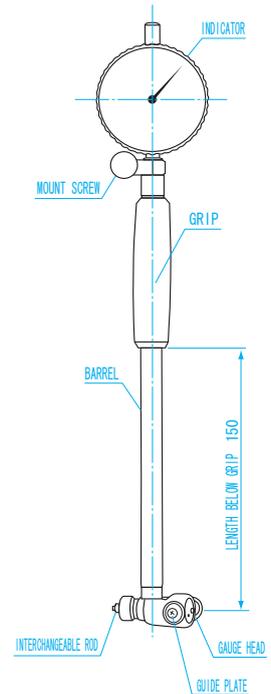
CDI-100



Measuring head

DIMENSIONS • PARTS NAME

Units : mm



- USE** • Bore measurement
- MATERIAL** • Body : Steel
- FEATURES** • Includes dial gauge and protective cover

DIAL GAUGES

DIAL GAUGES

DIAL INDICATORS

THICKNESS GAUGES

BORE GAUGES

CALIPER GAUGES

HARDNESS-TENSION GAUGE

MAGNETIC BASE

Order No.	Model No.	Weight
151594	CDI-50	1 kg
151595	CDI-100	1.1 kg
151596	CDI-160	1.15kg

Graduation (mm)	Measurement Range (mm)	Error over Entire Range (μm)*	Indication Error 1/10 rev (μm)*	Repeatability (μm)*	Effective Stroke of Gauge Head (mm)	Interchangeable Rod	Interchangeable Washer
0.01	35~ 50	15	5	3	1.2	4 pcs(5.0mm step)	0.5•1•2•3mm 1 pc each
0.01	50~100	18	6	3	1.6	11 pcs (5.0mm step)	
0.01	50~160	18	6	3	1.6	12 pcs (5.0mm step) 1 pc Sub rod	

* Including attached dial gauge

Gauge Tester

(Dial Indicator Testing Equipment)

Dial Gauge Tester Model NB

- This is a calibration tester having a high precision micrometer with the minimum scale of $1 \mu\text{m}$. It can be used in order to calibrate dial gauges as well as other displacement gauges.
- The stacion is vertically adjustable according to the type of gauges and reading is done while looking at the scale plate and the cursor line.



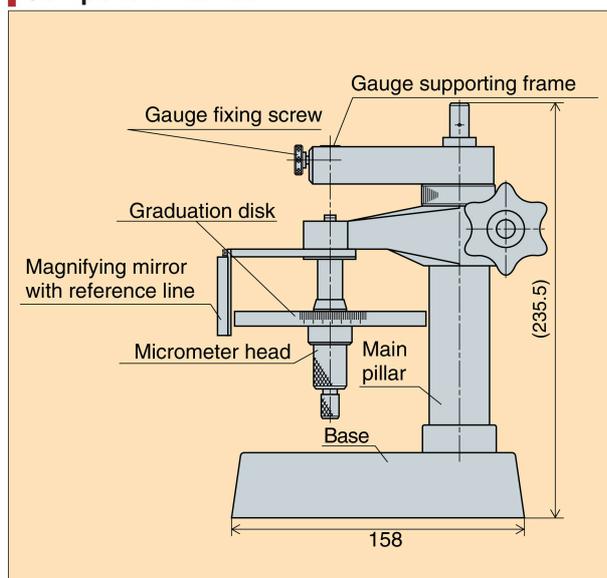
● Lever-type dial gauge



● Back plunger type dial gauge



Component Names



Specifications

Model	Micrometer head		Forward Accuracy (μm)	Feed per revolution (mm)	Spindle tip	Gauge fixing dimension (mm)
	Graduation (mm)	Measurement Range (mm)				
NB	0.001 ($1 \mu\text{m}$)	20	under ± 1	0.5/rev.	Carbide chip	8mm dia. 10mm dia.

Gauge Tester

(Cylinder Gauge Testing Equipment)

Cylinder Gauge Tester Model CCT-2

- This is a calibration tester used exclusively for cylinder gauges having a high precision micrometer with the minimum scale of 1 μ m.
- An outer cylinder is held erectly so that deflection may not affect the measurements and a center rod for pressing is provided on the moving bed in order to prevent from errors due to the difference of measuring force.



● Inspection of dial gauges is also possible.

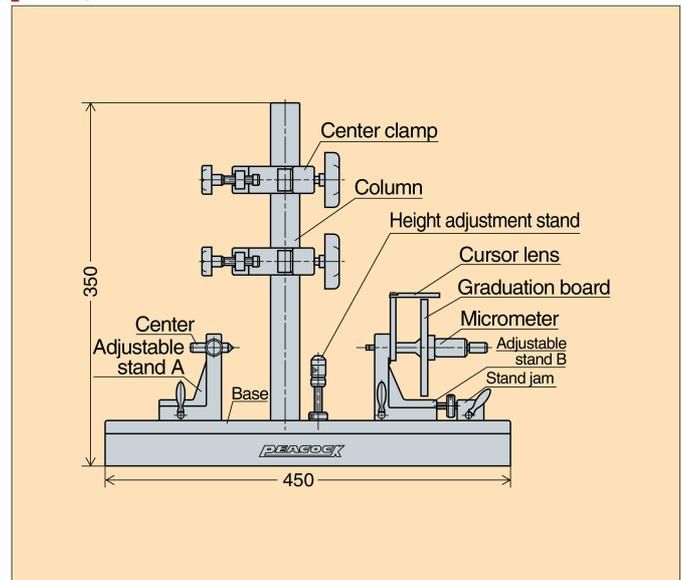


Cylinder gauges to be possibly inspected

- All the cylinder gauges of JIS B 7515 Standards
- All the CC and CG models of "PEACOCK"

ϕ 6~10mm	ϕ 18~35mm	ϕ 50~100mm	ϕ 160~250mm
ϕ 10~18mm	ϕ 35~60mm	ϕ 100~160mm	ϕ 250~400mm

Component Names



Specifications

Model	Micrometer head		Forward Accuracy (μ m)	Feed per revolution (mm)	Spindle tip
	Graduation (mm)	Measurement Range (mm)			
CCT-2	0.001	20	under ± 1	0.5/rev.	Carbide chip

Dial Inside Gauge

- Capable of continuously measuring comparatively large bores or inside wall surface with a given measuring force using flexibility of the dial gauge.

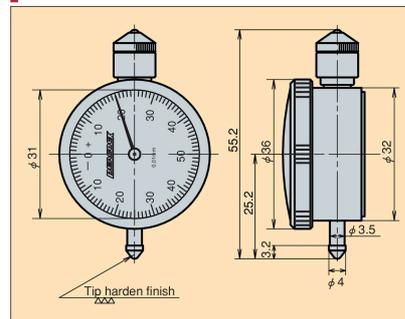


- Extension rods 6pcs. (5, 10, 20, 40, 80, 140mm)
Replace the extension rods according to a measuring range.

U-1

Graduation: 0.01mm
Range: 50~350mm
(Measuring range of dial gauge: 5mm)

Outer dimension



With Magnetic Base

The gauge proper can be secured to the measuring position by the magnet base.



U2HA

Graduation: 0.01mm
Range: 66~80mm
(Measuring range of dial gauge: 4mm)



U2FB

Graduation: 0.01mm
Range: 110~120mm
(Measuring range of dial gauge: 5mm)

U2HB

Graduation: 0.01mm
Range: 80~92mm
(Measuring range of dial gauge: 4mm)

U2FA

Graduation: 0.01mm
Range: 92~110mm
(Measuring range of dial gauge: 5mm)



U3HA

Graduation: 0.01mm
Range: 66~80mm
(Measuring range of dial gauge: 4mm)

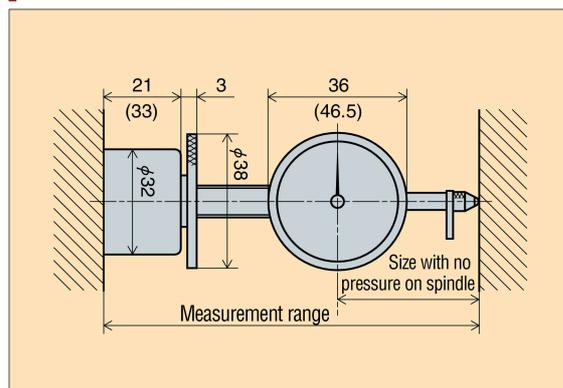
- with shorter pointer

U3HB

Graduation: 0.01mm
Range: 80~92mm
(Measuring range of dial gauge: 4mm)

- with shorter pointer

Dimensions (※ () are U2FA · U2FB)



Specifications

(unit: μm)

Model	Graduation (mm)	Range (mm)	Reading	Indication error					Magnetic Power (kg)	Measuring force less than (N)
				1/10 revolution (Adjacent error)	1/2 revolution	1 revolution	2 revolutions	Whole measuring range		
U-1	0.01	50~350	0 - 50 - 0	9	—	±13	—	±20	—	2.0
U2HA	0.01	66~80	0 - 50 - 0	9	—	±13	—	±15	8~10kg	1.4
U2HB	0.01	80~92	0 - 50 - 0	9	—	±13	—	±15		1.4
U2FA	0.01	92~110	0 - 50 - 0	9	—	±13	—	±20		2.0
U2FB	0.01	110~120	0 - 50 - 0	9	—	±13	—	±20		2.0
U3HA	0.01	66~80	0 - 50 - 0	9	—	±13	—	±20		1.4
U3HB	0.01	80~92	0 - 50 - 0	9	—	±13	—	±20	1.4	

Dial Hole Gauge

The Dial Hole Gauge is used for measurement of a bore diameter or groove width.

- Adjustable upper frame may be changed as desired, thus securing a wide measuring range.
- The contact point has an outer dia of 2 mm and a height of 2 mm.
(R 1mm ball, M1.7 x 0.35mm.)



GH-1
Graduation: 0.01mm
Range: 10mm

Specifications

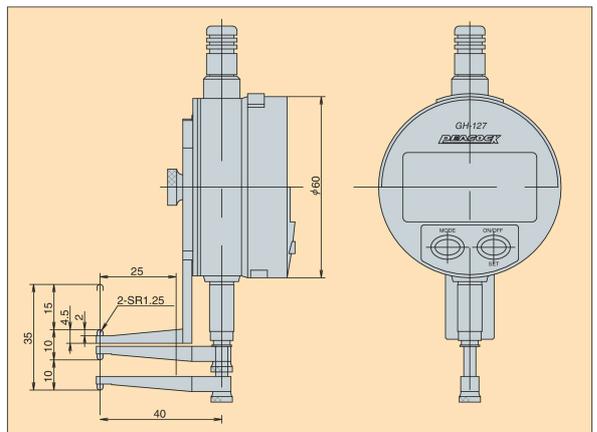
Model	Dial Gauge					Measurable bore ID (mm)	Measurable depth less than (mm)
	Graduation (mm)	Range (mm)	Accuracy(μm)	Reading	Measuring force less than (N)		
GH-1	0.01	10	±20	±100-50-0	1.4	10~50	25

Digital Hole Gauge



GH-127
Graduation: 0.01mm
Range: 10-35mm

Dimensions



Specifications

Model	Graduation (mm)	Accuracy (excluding quantized error)	Gauge installed	Range (mm)	Measurable bore ID (mm)	Measuring force	Measurable depth less than (mm)
GH-127	0.01	±0.02	DG-127	10-35	10-35	Less than 0.95N	25

Deep Hole Bore Gauge-EMCC Series

- The EMCC Series can easily measure the inside diameter of deep bore with high accuracy, which has been precision-machined.
- The EMCC Series advances a detector having an automatic alignment mechanism in line with the inside diameter.
- Measurement is possible up to the length of 10M by using an additional extension rod.



EMCC-3

Compatible Counter C-500/C-700

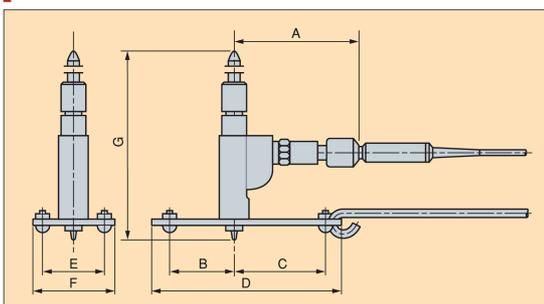


Specifications

Model	EMCC-2	EMCC-3	EMCC-4	EMCC-5	EMCC-6	
Measuring range (ID)	35 ~ 60mm	50 ~ 100mm	100 ~ 160mm	160 ~ 250mm	250 ~ 400mm	
Measuring depth	70mm ~ 10M	90mm ~ 10M	120mm ~ 10M	130mm ~ 10M	150mm ~ 10M	
Number of feeler	Intervals 5mm×6	Intervals 5mm×11	Intervals 10mm×7	Intervals 10mm×10	Intervals 10mm×16	
Thickness of washers	1,2,3mm each		1,2,3,4mm each			
Contact Point	L=33mm (flat type)		L=44mm (flat type)			
Contact point's travel and measuring force	1.4mm / less than 2.0N					
Extension rods	EMCC-L (1 meter rod×10 rods = 10 meters)sold separately					
Compatible linear gauges	● When Resolution is 10μm, use D-5B ● When Resolution is 1μm, use D-5SB					
Compatible counters	● C-500 or C-700					
Operations	● Test completes only after receiving reference from a master and inserting the micrometer head through a workpiece. ● Automatic centering mechanism requires no manual "shaking" to center up the micrometer head.					
Functions	● Workpiece has to be horizontally level (No test can be performed with the workpiece perpendicular).					
Options	● Printer (PDP-1N) Printer cable (KB-C232)					
Dimensions (mm)	A	70	71	77	77	77
	B	20	30	40	45	50
	C	30	40	55	60	70
	D	62	82	115	125	140
	E	15	20	38	58	88
	F	22	30	50	70	100
	G	MIN	35	50	100	160
	MAX	60	100	160	250	400

※ To make up a complete working unit, it requires an EMCC (2~6), an EMCC-L (extension rod set), a linear gauge and a counter.

Dimensions



Gauge Sensor

Model	D-5B	D-5SB
Resolution	0.01mm	0.001mm
Accuracy	0.01mm	0.002mm
Cable length	10 meters	
Screw pitch of Contact Point	M2.5 × 0.45	
Measuring force	Less than 0.5N	
Remarks	Specifications are according to D-5S	

Features

- **The inside diameter of extremely deep can be measured. (Max. 10M)**

The inside diameter of the deep hole that was not able to be measured so far can be easily measured with our development of automatic brought to a center position and added to extension rods to the Linear Gauge..

- **High performance**

It is possible to measure with high performance as our Linear gauge is used for the detector. (0.01mm, 0.001mm)

- **Easy operation**

Due to our development of our automatic brought to a center position, the measurement operation is easier than a general inside diameter measuring instruments as only insert the cylinder detector in the hole of measurement work-piece.

- **Efficient measurement**

Since the easy operation, it is efficient of the measurement for an inspection of the mass production.

- **Excellent indication stability**

It is necessary to shakes the general cylinder gauge for reads a minimum measurement. However, our EMCC can get the excellent stability of the indication as only insert the detector to the hole of measurement work-piece.

- **Low measuring force**

The work-piece is not so damaged as the measuring force of contact point is 2.0N compared with a general cylinder gauges (5.0~6.0N)

- **Data record**

Digital counter have the RS-232C output so that the measuring data can be processed.

The main usage

Internal diameter measurement of extremely deep hole
Hydraulic Cylinder, Air Cylinder, Cylinder of Extruder, High accuracy Pipe, Mold for Pipe etc.

Extension Rods (1M x 10 pcs) as Optional

To insert or pull-out the detector to the hole of measurement work-piece.

Display Counter

Data displayed by Digitally

Selection of a resolution (0.01mm or 0.001mm)

*see page 145 for more detailed information

Model No.	C-500
Range of Display	At the 0.01mm Selection -9999.99~00.00~9999.99
	At the 0.001mm Selection -999.999~0.000~999.999
Resolution	0.001mm / 0.01mm Selectable
Quantized error	±1 count
Data output	RS-232C
Power supply	AC100V~AC240 · less 9VA
Weight	950g

Measurement figure

