

LEVEL CATALOG (English)



LEVELS&TOOLS CATALOG vol,1



◆ Company Profile

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Online store: <http://suiheiki.com>

Establishment / April 1915

Capital / 40,000,000yen

Business / Manufacturer and seller of level and work tools

Mission Statement / Moving ahead
with consistent effort and passion

◆ Features of KOD

- Made in Japan, high quality
- Extensive line up with original technology
- Small orders available on request
- Production of various iron levels



Technology

- Development of a product with additional value to meet market needs without being stuck in stereotypes
- Our production system keeps improving by the succession of technology and know-how accumulated by our long company history

Production

- Made in Japan, high quality and high accuracy product
- Firm production system built by repeating improvement

Sales

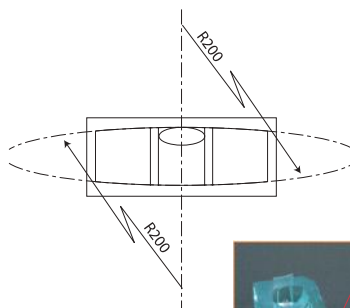
- Trust gained by our quick and correct response to meet the markets various needs.
- Japan wide network consists of many agents

◆ Basic Principles of Vial

Generally speaking, levels with a radius of curvature R200(sensitivity $0.5\text{mm/m} = 0.0286^\circ$) vial is most efficient and correct for engineering work.

This is why we use a vial of exact radius of curvature R200 polished by machine in our product. Vial in right picture is sensitivity $0.5\text{mm/m} = 0.0286^\circ$ (2000 seconds).

Vial of KOD product are manufactured under these basic principles.



*Cross section of vial





◆ Accuracy and Sensitivity for KOD Level

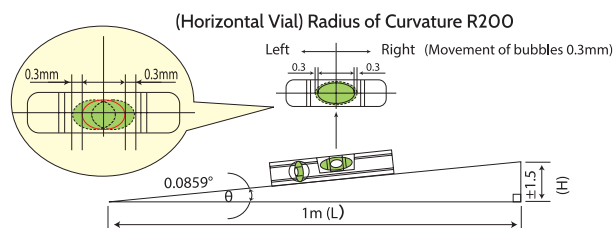
What is accuracy?

"Accuracy fluctuation at 0°"

(Discrepancy between the bubble position in left and right when you move, height (or angle) for base 1m.)

Accuracy=±1.5mm/m=±within 0.0859°

Height(H) Base(L) Angle(θ)



"Accuracy fluctuation at 0° is 0.3mm."

Height ±1.5mm and angle 0.0859° for base 1m.

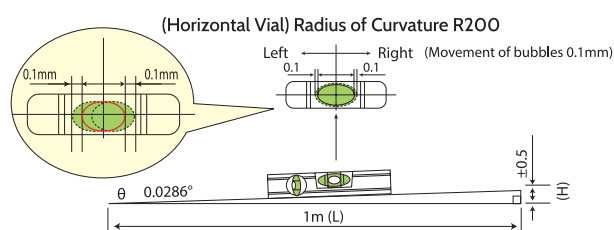
What is sensitivity?

"Angle at which bubbles need to start moving"

(Height (or angle) against base 1m)

Sensitivity=0.5mm/m=0.0286°

Height(H) Base(L) Angle(θ)

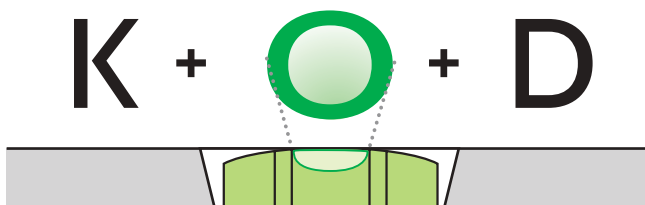


"Angle at which bubbles start moving = minimum reading 0.1mm"

Angle at which bubbles start moving is base 1m, height ±0.5mm and angle 0.0286°

◆ What is KOD?

It comes from the initials of Denjiro Kotera, the founder of company.



Acrylic Resin Level

Circular / Circular with Magnet / Circular with Goniometer	3
Mounted Circular with Holes /	
Mounted Circular with Holes and Goniometer	4
Flat / Rectangular / With Magnet	5
Flat with Goniometer /	
Rectangle Column with Holes and Goniometer /	
Rectangle Column with Holes	6
Circular / 2 Way Circular / Oval / 2 Way Oval	7
2 Way Flat / 2 Way T-shape Flat / Tubular / Prism Type	8
For Carpenter's Square / For Ruler / Square Ruler /	
With Pen Clips / With Strap / Inclination Level /	
Line Level / Fix Level	9

Aluminium Level

Box Type Aluminium Level	10-11
Box Type Aluminium Level with V-shaped Ditch	12
I-shaped Aluminium Level with 45° Vial	13-14
Box Type Aluminium Level with 45° Vial	15

Level for Engineering Works

Digital Level	16
Slant Rule / EZ-LEVEL	17

Pocket Level

Protect Armour	18
Pocket Level	19

Iron Level

Iron Level	20
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High Quality Level

Adjustable precision iron level /	
Adjustable precision aluminium level	21

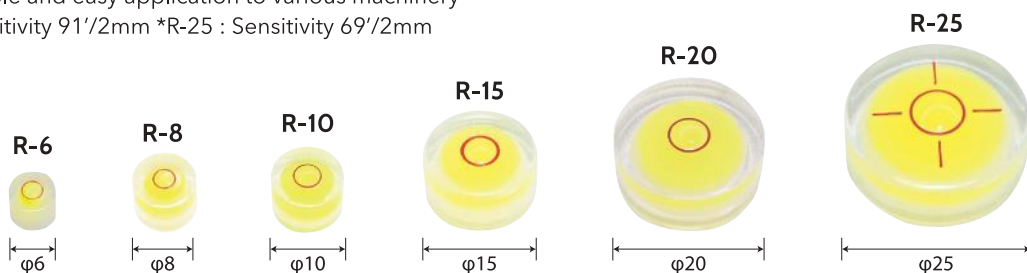
ACRYLIC RESIN LEVEL

Special Orders
Available

Please request for a quote.

R Circular Acrylic Resin LevelSpecial Orders
Available

Simple and easy application to various machinery
Sensitivity 91/2mm *R-25 : Sensitivity 69/2mm

**Special order examples**

The following option fees may be quoted separately.

- Change vial diameter
- Change color of red scale line
- Change body size
- Change radius of curvature
- Change liquid color to transparent

Circular Acrylic Resin Level

Product No.	Size	Vial Diameter	Scale Diameter	Weight	Quantity per Carton	Retail Price	JAN Code
R-6	φ6×5mm	3.5mm	2.5mm	0.18g	1	1,040yen	4 993711 581011
R-8	φ8×6.5mm	5mm	2.5mm	0.35g	1	1,010yen	4 993711 581028
R-10	φ10×7mm	7mm	3.5mm	0.6g	1	960yen	4 993711 581035

Product No.	Size	Vial Diameter	Scale Diameter	Weight	Quantity per Carton	Retail Price	JAN Code
R-15	φ15×8mm	10mm	4mm	1.4g	10	880yen	4 993711 581042
R-20	φ20×8mm	14mm	5mm	2.5g	10	860yen	4 993711 581059
R-25	φ25×8.5mm	18mm	6.5mm	4g	10	960yen	4 993711 581066

*Minimum order quantity:1

RM Circular Magnetic Acrylic Resin LevelSpecial Orders
Available

Easy application with magnet
Sensitivity 91/2mm *RM-25 : Sensitivity 69/2mm

**Magnet on measuring surface****Special order examples**

The following option fees may be quoted separately.

- Change vial diameter
- Change color of red scale line
- Change body size
- Change radius of curvature
- Change liquid color to transparent

Circular Magnetic Acrylic Resin Level

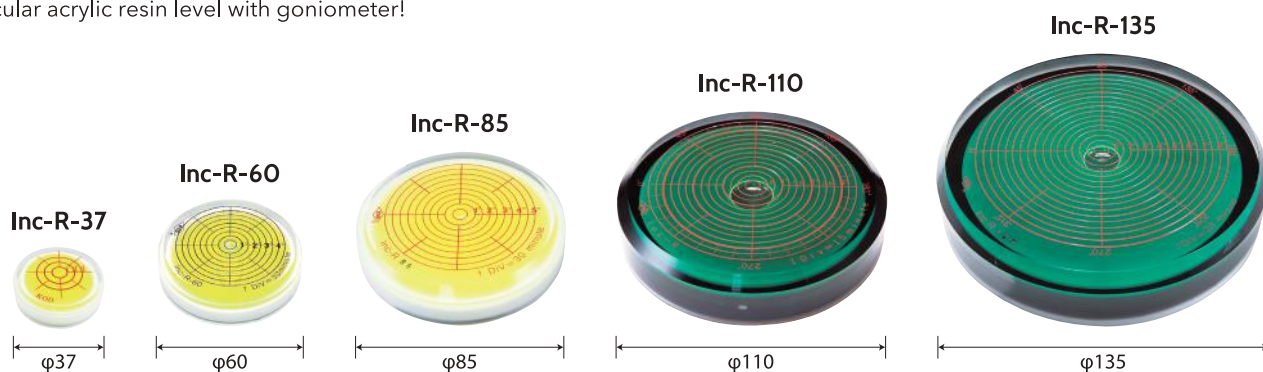
Product No.	Size	Vial Diameter	Scale Diameter	Weight	Quantity per Carton	Retail Price	JAN Code
RM-10	φ10×8mm	7mm	3.5mm	1g	10	1,010yen	4 993711 580212
RM-15	φ15×9mm	10mm	4mm	2g	10	910yen	4 993711 580229

Product No.	Size	Vial Diameter	Scale Diameter	Weight	Quantity per Carton	Retail Price	JAN Code
RM-20	φ20×9mm	14mm	5mm	4g	10	910yen	4 993711 580236
RM-25	φ25×9.5mm	18mm	6.5mm	6g	10	1,010yen	4 993711 580243

*Minimum order quantity:1

Inc-R Circular Acrylic Resin Level with GoniometerSpecial Orders
Available

Circular acrylic resin level with goniometer!



Circular Acrylic Resin Level with Goniometer

Product No.	Size	Measuring Range	Vial Diameter	Weight	Quantity per Carton	Retail Price	JAN Code
Inc-R-37	φ37×12mm	0° to ±3°	27mm	14g	1	5,430yen	4 993711 580977
Inc-R-60	φ60×14mm	0° to ±4°	50mm	39g	1	5,720yen	4 993711 581875
Inc-R-85	φ85×19mm	0° to ±5°	72mm	107g	1	7,150yen	4 993711 081788
Inc-R-110	φ110×23mm	0° to ±3°	92mm	222g	1	10,010yen	4 993711 081795
Inc-R-135	φ135×27mm	0° to ±8°	114mm	410g	1	14,300yen	4 993711 081801

Special order examples

The following option fees may be quoted separately.

- Change color of red scale line
- Change angle value
- Change liquid color to transparent

ACRYLIC RESIN LEVEL

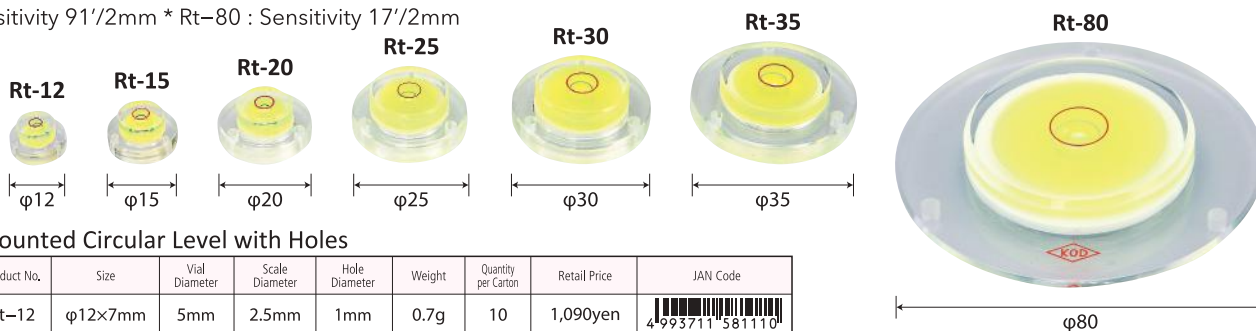
Special Orders
Available

Please request for a quote.

Rt Mounted Circular Level with Holes

Special Orders
Available

Levels with mounting holes are ideal for attaching to machinery.
Sensitivity 91/2mm * Rt-80 : Sensitivity 17/2mm



Mounted Circular Level with Holes

Product No.	Size	Vial Diameter	Scale Diameter	Hole Diameter	Weight	Quantity per Carton	Retail Price	JAN Code
Rt-12	φ12×7mm	5mm	2.5mm	1mm	0.7g	10	1,090yen	4 993711 581110
Rt-15	φ15×8mm	7mm	3.5mm	1.5mm	1.2g	10	1,070yen	4 993711 581127
Rt-20	φ20×9mm	9mm	4mm	2.3mm	2g	10	1,090yen	4 993711 581134
Rt-25	φ25×10mm	14mm	5mm	2.5mm	5g	10	1,140yen	4 993711 581141
Rt-30	φ30×10mm	16mm	6.5mm	2.5mm	6g	10	1,220yen	4 993711 581158
Rt-35	φ35×10mm	18mm	7mm	2.5mm	8g	10	1,330yen	4 993711 581165
Rt-80	φ80×14mm	38mm	12mm	4mm	60g	1	5,980yen	4 993711 581172

*Hole Diameter (3 points) *Minimum order quantity:1

Special order examples

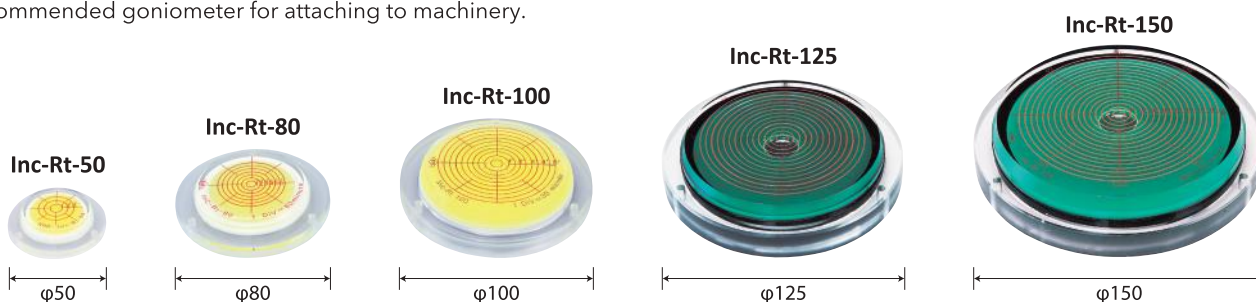
The following option fees may be quoted separately.

- Change mounting hole diameter
- Change color of red scale line
- Change body size
- Change liquid color to transparent

Inc-Rt Mounted Circular Level with Holes and Goniometer

Special Orders
Available

Recommended goniometer for attaching to machinery.



Mounted Circular Level with Holes and Goniometer

Product No.	Size	Measuring Range	Vial Diameter	Hole Diameter	Weight	Quantity per Carton	Retail Price	JAN Code
Inc-Rt-50	φ50×12mm	0°to±3°	27mm	3mm	19g	1	6,010yen	4 993711 481861
Inc-Rt-80	φ80×14mm	0°to±6°	44mm	4mm	66g	1	6,580yen	4 993711 481823
Inc-Rt-100	φ100×19mm	0°to±5°	72mm	4mm	130g	1	8,010yen	4 993711 481850
Inc-Rt-125	φ125×23mm	0°to±3°	92mm	4mm	260g	1	11,150yen	4 993711 481847
Inc-Rt-150	φ150×27mm	0°to±8°	114mm	4mm	440g	1	16,020yen	4 993711 481854

*Hole Diameter (3 points)

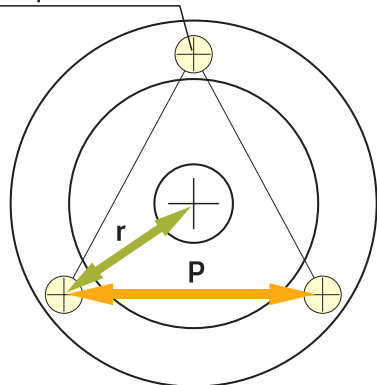
Special order examples

The following option fees may be quoted separately.

- Change mounting hole diameter
- Change angle value
- Change liquid color to transparent

Rt-type Level Hole Size

t-3 points



Product No.	Hole Diameter (t)	Hole Radius (r)	Distance Hole Center to Hole Center (P)
Rt-12	1.0mm	5.0mm	8.66mm
Rt-15	1.5mm	6.25mm	10.825mm
Rt-20	2.3mm	8.0mm	13.856mm
Rt-25	2.5mm	10.5mm	18.186mm
Rt-30	2.5mm	12.5mm	21.65mm
Rt-35	2.5mm	14.5mm	25.114mm
Rt-80	4.0mm	35.0mm	60.62mm
Inc-Rt-50	3.0mm	21.5mm	37.239mm
Inc-Rt-80	4.0mm	35.0mm	60.62mm
Inc-Rt-100	4.0mm	45.0mm	77.94mm
Inc-Rt-125	4.0mm	57.5mm	99.59mm
Inc-Rt-150	4.0mm	70.0mm	121.24mm

ACRYLIC RESIN LEVEL

Special Orders
Available

Please request for a quote.

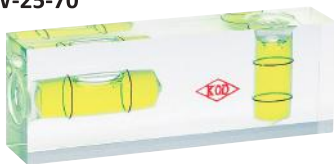
PW Flat Level

Special Orders
Available

W type vial (Can measure the horizontal and vertical angles)

Sensitivity 0.5mm/m = 0.0286°

PW-25-70



Flat Level

Product No.	Size	Horizontal		Vertical		Weight	Quantity per Carton	Retail Price	JAN Code
		Vial Size	Scale Width	Vial Size	Scale Width				
PW-25-70	15×25×70mm	φ8×25mm	13mm	φ8×18mm	8mm	30g	10	1,510yen	4 993711 580052
PW-25-100	15×25×100mm	φ8×25mm	13mm	φ8×18mm	8mm	43g	10	1,740yen	4 993711 580069
PW-35-70	15×35×70mm	φ8×25mm	13mm	φ8×25mm	13mm	42g	10	1,790yen	4 993711 580083
PW-35-100	15×35×100mm	φ8×25mm	13mm	φ8×25mm	13mm	60g	10	1,920yen	4 993711 580090

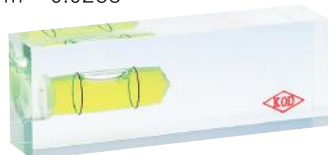
*Minimum order quantity:1

P Flat Level

Special Orders
Available

Sensitivity 0.5mm/m = 0.0286°

P-25-70



Flat Level

Product No.	Size	Vial Size	Scale Width	Weight	Quantity per Carton	Retail Price	JAN Code
P-25-70	15×25×70mm	φ8×25mm	13mm	30g	10	1,200yen	4 993711 580014
P-25-100	15×25×100mm	φ8×25mm	13mm	43g	10	1,350yen	4 993711 580021

*Minimum order quantity:1

P Rectangular Level

Special Orders
Available

Sensitivity 0.5mm/m = 0.0286°

*P-8-16, P-10-20 : Sensitivity 1.3mm/m = 0.0764°

P-8-16



P-15-70



Rectangular Level

Product No.	Size	Vial Size	Scale Width	Weight	Quantity per Carton	Retail Price	JAN Code
P-8-16	8×8×16mm	φ5×10mm	6mm	1g	1	1,070yen	4 993711 580113
P-10-20	10×10×20mm	φ6×12mm	6mm	2g	1	1,040yen	4 993711 580120
P-15-36	15×15×36mm	φ8×25mm	13mm	10g	10	1,090yen	4 993711 580137
P-15-45	15×15×45mm	φ8×25mm	13mm	12g	10	1,140yen	4 993711 580144
P-15-70	15×15×70mm	φ8×25mm	13mm	18.5g	10	1,170yen	4 993711 580151
P-15-100	15×15×100mm	φ8×25mm	13mm	26g	10	1,220yen	4 993711 580168

*Minimum order quantity:1

PWM Flat Magnetic Level

Special Orders
Available

PWM-25-70

With magnet
on measuring surface

Flat Magnetic Level

Product No.	Size	Horizontal		Vertical		Weight	Quantity per Carton	Retail Price	JAN Code
		Vial Size	Scale Width	Vial Size	Scale Width				
PWM-25-70	15×26×70mm	φ8×25mm	13mm	φ8×18mm	8mm	34g	10	1,590yen	4 993711 580076
PWM-25-100	15×26×100mm	φ8×25mm	13mm	φ8×18mm	8mm	49g	10	1,790yen	4 993711 580311
PWM-35-70	15×36×70mm	φ8×25mm	13mm	φ8×25mm	13mm	46g	10	1,900yen	4 993711 580328
PWM-35-100	15×36×100mm	φ8×25mm	13mm	φ8×25mm	13mm	65g	10	2,000yen	4 993711 580106

*Minimum order quantity:1

PM Flat Magnetic Level

Special Orders
Available

Sensitivity 0.5mm/m = 0.0286°

PM-25-70

Magnet
on measuring surface

Flat Magnetic Level

Product No.	Size	Vial Size	Scale Width	Weight	Quantity per Carton	Retail Price	JAN Code
PM-25-70	15×26×70mm	φ8×25mm	13mm	34g	10	1,250yen	4 993711 580045
PM-25-100	15×26×100mm	φ8×25mm	13mm	46g	10	1,400yen	4 993711 580335

*Minimum order quantity:1

PM Rectangular Magnetic Level

Special Orders
Available

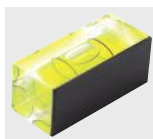
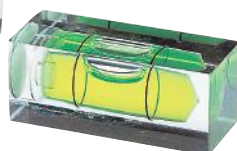
Sensitivity 0.5mm/m = 0.0286°

*P-8-16, P-10-20 : Sensitivity 1.3mm/m = 0.0764°

PM-8-16



PM-15-36

Magnet
on measuring surface
(PM-15-36)

Rectangular Magnetic Level

Product No.	Size	Vial Size	Scale Width	Weight	Quantity per Carton	Retail Price	JAN Code
PM-8-16	8×9×16mm	φ5×10mm	6mm	2g	1	1,090yen	4 993711 580173
PM-10-20	10×11×20mm	φ6×12mm	6mm	3g	1	1,070yen	4 993711 580182
PM-15-36	15×16×36mm	φ8×25mm	13mm	11g	10	1,120yen	4 993711 580199
PM-15-45	15×16×45mm	φ8×25mm	13mm	13g	10	1,200yen	4 993711 580230
PM-15-70	15×16×70mm	φ8×25mm	13mm	21g	10	1,220yen	4 993711 580205
PM-15-100	15×16×100mm	φ8×25mm	13mm	30g	10	1,300yen	4 993711 580267

*Minimum order quantity:1

ACRYLIC RESIN LEVEL

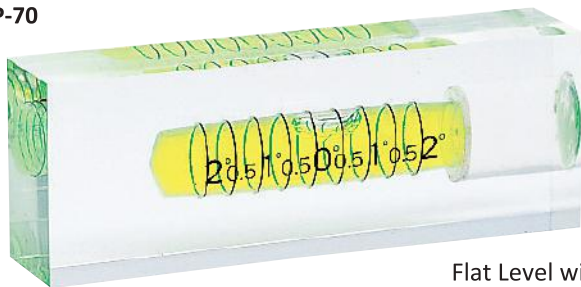
Special Orders
Available

Please request for a quote.

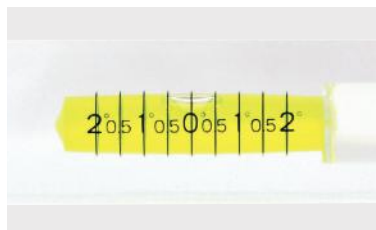
Inc-P-70 Flat Level with Goniometer

Special Orders
AvailableThis mini flat level can measure up to $\pm 2^\circ$!

Inc-P-70



Goniometer



Special order examples

The following option fees may be quoted separately.

- Change liquid color to transparent
- Change angle value

Flat Level with Goniometer

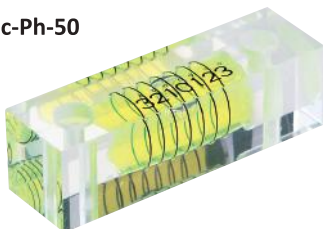
Product No.	Size	Measuring Range	Vial Size	Weight	Quantity per Carton	Retail Price	JAN Code
Inc-P-70	15×25×70mm	0° to $\pm 2^\circ$	$\phi 8 \times 38$ mm	30g	1	2,860yen	4 993711 581813

Inc-Ph Rectangle Column Level with Goniometer (With Mounting Holes)

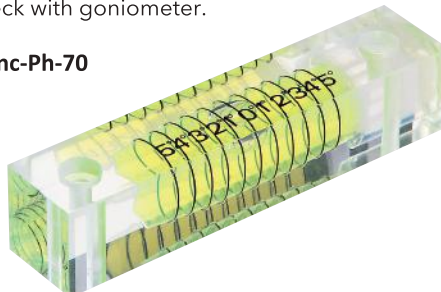
Special Orders
Available

Ideal for machinery attachment. Easy to check with goniometer.

Inc-Ph-50



Inc-Ph-70



Special order examples

The following option fees may be quoted separately.

- Change liquid color to transparent
- Change angle value
- Change mounting hole diameter

Goniometer



Rectangle Column Level with Goniometer (With Mounting Holes)

Product No.	Size	Measuring Range	Vial Size	Hole Pitch	Hole Diameter	Weight	Quantity per Carton	Retail Price	JAN Code
Inc-Ph-50	15×15×50mm	0° to $\pm 3^\circ$	$\phi 8 \times 24$ mm	35mm	3.2mm	12g	1	2,570yen	4 993711 580913
Inc-Ph-70	15×15×70mm	0° to $\pm 5^\circ$	$\phi 8 \times 38$ mm	55mm	3.2mm	17g	1	2,860yen	4 993711 580922

*Hole Diameter (2 points)

Ph Rectangle Column Level (With Mounting Holes)

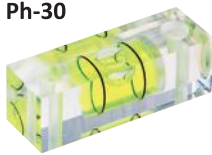
Special Orders
Available

Best seller in levels with mounting hole!

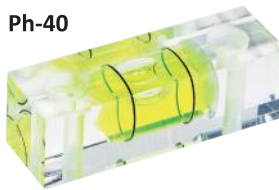
Ph-25



Ph-30



Ph-40

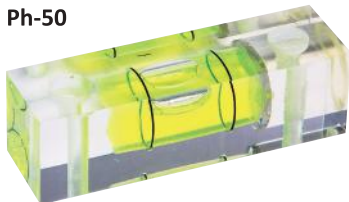


Special order examples

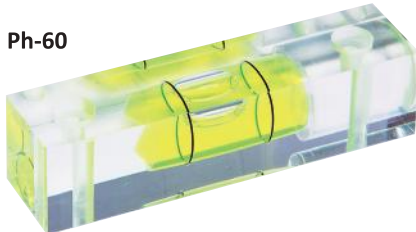
The following option fees may be quoted separately.

- Change liquid color to transparent
- Change mounting hole diameter

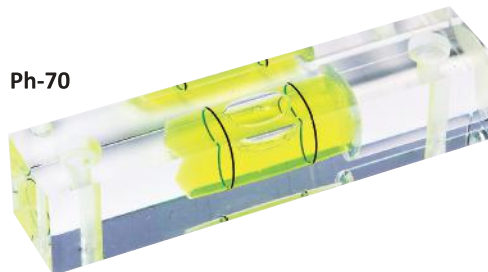
Ph-50



Ph-60



Ph-70



Rectangle Column Level (With Mounting Holes)

Product No.	Size	Vial Size	Scale Width	Hole Pitch	Hole Width	Weight	Quantity per Carton	Retail Price	JAN Code
Ph-25	8×8×25mm	$\phi 5 \times 10$ mm	6mm	18mm	2.2mm	1.8g	1	1,220yen	4 993711 581219
Ph-30	10×10×30mm	$\phi 6 \times 12$ mm	7mm	22mm	2.2mm	3.3g	1	1,200yen	4 993711 581226
Ph-40	13×13×40mm	$\phi 8 \times 17$ mm	10mm	27mm	3.2mm	10g	1	1,250yen	4 993711 581233
Ph-50	15×15×50mm	$\phi 8 \times 23$ mm	13mm	35mm	3.2mm	13g	1	1,330yen	4 993711 581240
Ph-60	15×15×60mm	$\phi 8 \times 25$ mm	13mm	45mm	3.2mm	14g	1	1,380yen	4 993711 581257
Ph-70	15×15×70mm	$\phi 8 \times 25$ mm	13mm	55mm	3.2mm	17g	1	1,430yen	4 993711 581264

*Hole Diameter (2 points)

ACRYLIC RESIN LEVEL

Special Orders Available

Please request for a quote.

CR Circular Level

Special Orders Available

Special order examples

- Change liquid color to transparent
- Chamfering
- Change mounting hole diameter

The following option fees may be quoted separately.

Sensitivity 0.5mm/m = 0.0286° *CR-15,CR-20 : Sensitivity 1.3mm/m = 0.0764°

CR-35



Circular Level

Product No.	Size	Vial Size	Scale Width	Weight	Quantity per Carton	Retail Price	JAN Code
CR-15	φ15×10mm	φ5×10mm	6mm	2g	1	1,200yen	4 993711 581318
CR-20	φ20×15mm	φ6×12mm	6mm	5.5g	1	1,220yen	4 993711 581325
CR-25	φ25×15mm	φ8×15mm	8mm	8.5g	1	1,330yen	4 993711 581332
CR-30	φ30×15mm	φ8×20mm	11mm	12.5g	1	1,380yen	4 993711 581349
CR-35	φ35×15mm	φ8×25mm	13mm	16.5g	1	1,460yen	4 993711 581356

CRT 2 Way Circular Level

Special Orders Available

Sensitivity 1.3mm/m = 0.0764° *CRT-60 : Sensitivity 0.5mm/m = 0.0286°

CRT-35



2 Way Circular Level

Product No.	Size	Vial Size (2 points)	Scale Width (2 points)	Weight	Quantity per Carton	Retail Price	JAN Code
CRT-25	φ25×10mm	φ6×10mm	6mm	6g	1	1,610yen	4 993711 581615
CRT-30	φ30×10mm	φ6×13mm	7mm	8g	1	1,660yen	4 993711 581622
CRT-35	φ35×12mm	φ7×17mm	8mm	14g	1	1,720yen	4 993711 581639
CRT-60	φ60×14mm	φ8×25mm	13mm	48g	1	5,720yen	4 993711 581646

CRTh 2 Way Circular Level (With Mounting Holes)

Special Orders Available

Sensitivity 1.3mm/m = 0.0764° *CRTh-60 : Sensitivity 0.5mm/m = 0.0286°

CRTh-35



2 Way Circular Level (With Mounting Holes)

Product No.	Size	Vial Size (2 points)	Scale Width (2 points)	Hope Pitch	Hole Diameter (2 points)	Weight	Quantity per Carton	Retail Price	JAN Code
CRTh-25	φ25×10mm	φ6×10mm	6mm	16mm	2.7mm	5g	1	1,740yen	4 993711 582414
CRTh-30	φ30×10mm	φ6×13mm	7mm	20mm	2.7mm	7g	1	1,790yen	4 993711 582421
CRTh-35	φ35×12mm	φ7×17mm	8mm	23mm	2.7mm	13g	1	1,870yen	4 993711 582438
CRTh-60	φ60×14mm	φ8×25mm	13mm	40mm	4.2mm	47g	1	5,880yen	4 993711 582445

Oh Oval Level (With Mounting Holes)

Special Orders Available

Sensitivity 0.5mm/m = 0.0286° *Oh-25,Oh-30 : Sensitivity 1.3mm/m = 0.0764°

Oh-50



Oval Level (With Mounting Holes)

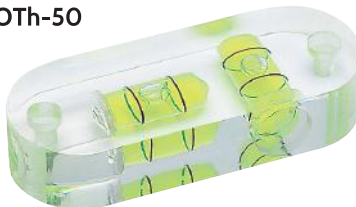
Product No.	Size	Vial Size	Scale Width	Hope Pitch	Hole Diameter (2 points)	Weight	Quantity per Carton	Retail Price	JAN Code
Oh-25	8×8×25mm	φ5×10mm	6mm	18mm	2.2mm	2g	1	1,460yen	4 993711 582117
Oh-30	10×10×30mm	φ6×12mm	7mm	22mm	2.2mm	3g	1	1,460yen	4 993711 582124
Oh-40	13×13×40mm	φ8×17mm	10mm	27mm	3.2mm	7g	1	1,530yen	4 993711 582131
Oh-50	15×15×50mm	φ8×23mm	13mm	35mm	3.2mm	11g	1	1,640yen	4 993711 582148
Oh-60	15×15×60mm	φ8×25mm	13mm	45mm	3.2mm	14g	1	1,720yen	4 993711 582155
Oh-70	15×15×70mm	φ8×25mm	13mm	55mm	3.2mm	16g	1	1,790yen	4 993711 582162

OTH 2 Way Oval Level (With Mounting Holes)

Special Orders Available

Sensitivity 0.5mm/m = 0.0286° *OTH-50 : Sensitivity 1.3mm/m = 0.0764°

OTH-50



2 Way Oval Level (With Mounting Holes)

Product No.	Size	Vial Size (2 points)	Scale Width (2 points)	Hope Pitch	Hole Diameter (2 points)	Weight	Quantity per Carton	Retail Price	JAN Code
OTH-50	20×50×10mm	φ6×13mm	6mm	40mm	2.7mm	10g	1	2,570yen	4 993711 582344
OTH-64	24×64×13mm	φ6×17mm	8mm	52mm	3.2mm	20g	1	2,860yen	4 993711 582551
OTH-84	34×84×15mm	φ8×25mm	13mm	67mm	3.2mm	45g	1	3,150yen	4 993711 582568

ACRYLIC RESIN LEVEL

Special Orders
Available

Please request for a quote.

PT 2 Way Flat Level

Special Orders
Available

Special order examples

- Change liquid color to transparent
- Chamfering
- Change mounting hole diameter

The following option fees may be quoted separately.

Sensitivity 0.5mm/m = 0.0286° *PT-23, PT-30 : Sensitivity 1.3mm/m = 0.0764°

PT-50



2 Way Flat Level

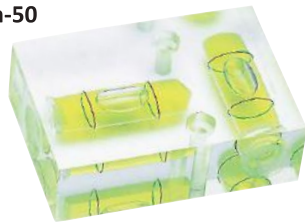
Product No.	Size	Vial Size (2 points)	Scale Width (2 points)	Weight	Quantity per Carton	Retail Price	JAN Code
PT-23	16×23×8mm	φ5×10mm	6mm	3g	1	1,400yen	4 993711 581509
PT-30	20×30×10mm	φ6×13mm	6mm	7g	1	1,350yen	4 993711 581516
PT-40	25×40×13mm	φ8×18mm	8mm	15g	1	1,380yen	4 993711 581523
PT-50	35×50×15mm	φ8×25mm	13mm	30g	1	1,400yen	4 993711 581530
PT-70	25×70×15mm	φ8×25mm φ8×18mm	13mm/18mm	30g	1	1,430yen	4 993711 581547

PTh 2 Way Flat Level (With Mounting Holes)

Special Orders
Available

Sensitivity 0.5mm/m = 0.0286° *PTh-30 : Sensitivity 1.3mm/m = 0.0764°

PTh-50



2 Way Flat Level (With Mounting Holes)

Product No.	Size	Vial Size (2 points)	Scale Width (2 points)	Hope Pitch	Hole Diameter (2 points)	Weight	Quantity per Carton	Retail Price	JAN Code
PTh-30	20×30×10mm	φ6×13mm	6mm	13mm	2.7mm	7g	1	1,480yen	4 993711 582223
PTh-40	25×40×13mm	φ8×18mm	8mm	17mm	2.7mm	14g	1	1,510yen	4 993711 582230
PTh-50	35×50×15mm	φ8×25mm	13mm	23mm	3.2mm	29g	1	1,530yen	4 993711 582247
PTh-70	25×70×15mm	φ8×25mm φ8×18mm	13mm/18mm	17mm	2.7mm	29g	1	1,590yen	4 993711 582254

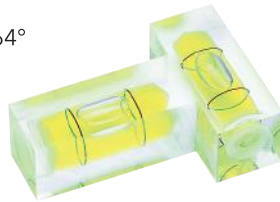
T 2 Way T-shape Flat Level

Special Orders
Available

Sensitivity 0.5mm/m = 0.0286°

*T-30 : Sensitivity 1.3mm/m = 0.0764°

T-50



2 Way T-shape Flat Level

Product No.	Size	Vial Size (2 points)	Scale Width (2 points)	Weight	Quantity per Carton	Retail Price	JAN Code
T-30	20×30×10mm	φ6×13mm	6mm	5g	1	1,430yen	4 993711 581714
T-40	25×40×13mm	φ8×18mm	8mm	10g	1	1,460yen	4 993711 581721
T-50	35×50×15mm	φ8×25mm	13mm	17g	1	1,480yen	4 993711 581738

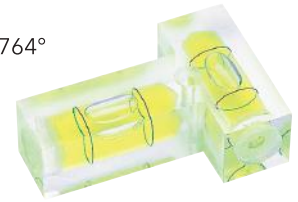
Th 2 Way T-shape Flat Level (With Mounting Holes)

Special Orders
Available

Sensitivity 0.5mm/m = 0.0286°

*Th-30 : Sensitivity 1.3mm/m = 0.0764°

Th-50



2 Way T-shape Flat Level (With Mounting Holes)

Product No.	Size	Vial Size (2 points)	Scale Width (2 points)	Hole Diameter (2 points)	Weight	Quantity per Carton	Retail Price	JAN Code
Th-30	20×30×10mm	φ6×13mm	6mm	2.7mm	4g	1	1,510yen	4 993711 582322
Th-40	25×40×13mm	φ8×18mm	8mm	2.7mm	9g	1	1,530yen	4 993711 582339
Th-50	35×50×15mm	φ8×25mm	13mm	3.2mm	16g	1	1,590yen	4 993711 582346

LV Tubular Vial

AK5-13



LV-25



LV-32



LV-6529



LV-1240



LV-40



Tubular Vial

Product No.	Size	Scale Width	Number of Scales	Sensitivity	Weight	Quantity per Carton	Retail Price	JAN Code
AK5-13	φ5×13mm	4mm	2	35'/2mm	0.3g	1	275yen	4 993711 582759
LV-6529	φ6.5×29mm	10mm	2	51'/2mm	0.9g	1	340yen	4 993711 582742
LV-25	φ9.5×25mm	9mm	4	45'/2mm	1.7g	1	390yen	4 993711 582704
LV-32	φ9.5×32mm	12.5mm	4	40'/2mm	1.9g	1	420yen	4 993711 582711
LV-40	φ9.5×40mm	12.5mm	4	35'/2mm	2.8g	1	440yen	4 993711 582728
LV-1240	φ12×40mm	14mm	4	39'/2mm	4g	1	600yen	4 993711 582735

PZ Prism Type Level (With Mounting Plate)

PZ-PTh-45



PZ-Rt-30



PZ-PTh-23 : Sensitivity 1.3mm/m = 0.0764° PZ-Rt-20 : Sensitivity 91'/2mm

PZ-PTh-45 : Sensitivity 0.5mm/m = 0.0286° PZ-Rt-30 : Sensitivity 91'/2mm

For Horizontal Measurement

Prism Type Level (with Mounting Plate)

Product No.	Size	Vial Size	Hope Pitch	Hole Diameter (2 points)	Weight	Quantity per Carton	Retail Price	JAN Code
PZ-PTh-23 (Cross type)	16×23×30.5mm	φ5×10mm (2 points)	22mm	2.6mm	12g	1	4,160yen	4 993711 582612
PZ-PTh-45 (Cross type)	28×45×57.5mm	φ8×20mm (2 points)	34mm	2.6mm	63g	1	4,580yen	4 993711 582629
PZ-Rt-20 (Circular type)	20×20×27.5mm	φ9mm	26mm	2.6mm	13g	1	3,870yen	4 993711 582636
PZ-Rt-30 (Circular type)	30×30×39.5mm	φ18mm	36mm	2.6mm	35g	1	4,000yen	4 993711 582643

ACRYLIC RESIN LEVEL

PS-70 Carpenter's Square Level

PS-70



- Can be used with liner scale, carpenter's square and rulers with under 2mm thickness
- Level with magnet is also available. (PS-70M)
- Sensitivity 0.5mm/m = 0.0286°



Carpenter's Square Level

Product No.	Size	How to Fix	Ditch Width	Vial Size	Scale Width	Weight	Quantity per Carton	Retail Price	JAN Code
PS-70	15x25x70mm	Ball Screw	2.2mm	φ8x25mm	13mm	24g	10	1,330yen	4 993711 580731
PS-70M	15x25x70mm	Magnet or Screw (Screw included)	4.5mm	φ8x25mm	13mm	26g	10	1,200yen	4 993711 580746

*Minimum order quantity:1

PSW-70 Ruler Level

PSW-70



- Ruler can be used as a level.
- Can be used with any kind of rulers (aluminum, bamboo, plastic and stainless steel etc.)
- Level with magnet is also available. (PSW-70M)
- Sensitivity 0.5mm/m = 0.0286°



Ruler Level

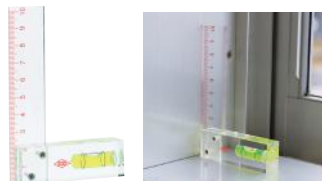
Product No.	Size	How to Fix	Ditch Width	Vial Size	Scale Width	Weight	Quantity per Carton	Retail Price	JAN Code
PSW-70	15x30x70mm	Ball Screw	2.2mm	φ8x25mm φ8x13mm	13mm 8mm	28g	10	1,720yen	4 993711 580717
PSW-70M	15x30x70mm	Magnet or Screw (Screw included)	4.5mm	φ8x25mm φ8x13mm	13mm 8mm	30g	10	1,530yen	4 993711 580724

*Minimum order quantity:1

D Square Ruler with Level

Sensitivity 0.5mm/m = 0.0286°

D-2



Square Ruler with Level

Product No.	Size	Vial Size	Scale Width	Weight	Quantity per Carton	Retail Price	JAN Code
D-1	70x103mm (Stand included)	φ8x25mm	13mm	34g	10	2,390yen	4 993711 580519
D-2	100x153mm (Stand included)	φ8x25mm	13mm	50g	10	2,680yen	4 993711 080521

*Minimum order quantity:1

P-2P Level with Pen Clips

- Easy to carry with pen clips
- Ideal for DIY
- Sensitivity 0.5mm/m = 0.0286°



Special Orders Available

Name printing option available with additional charges.

Level with Pen Clips

Product No.	Size	Vial Size	Scale Width	Weight	Quantity per Carton	Retail Price	JAN Code
P-2P	15x15x70mm	φ8x25mm	13mm	23g	10	1,350yen	4 993711 580463

*Minimum order quantity:1

SU Mini Level with Strap

Easy to carry with a strap. Compact level. Ideal for DIY!

Sensitivity 0.5mm/m = 0.0286°



Printing sample. Suitable for novelty item.

Special Orders Available

Original printing option available with additional charges.

Mini Level with Strap

Product No.	Color	Size (Body)	Weight	Quantity per Carton	Retail Price	JAN Code
SU-R	Red	14x15x40mm	8g	12	725yen	4 993711 588812
SU-B	Blue	14x15x40mm	8g	12	725yen	4 993711 588829
SU-Y	Yellow	14x15x40mm	8g	12	725yen	4 993711 588836
SU-D	Dark Blue	14x15x40mm	8g	12	725yen	4 993711 588850

*Minimum order quantity:1

PK-70 Inclination Level

Compact level.

Can measure both gentle and steep inclination.

How to use

◆ Inside vial



Measure gentle inclination (0° to ±5°)

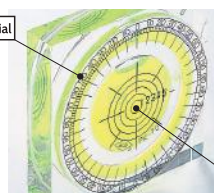
◆ Outside vial



measure steep inclination (0° to 360°)



Outside Vial



Inside Vial

- Outside vial to measure angle of inclination for outer edge (360°)
- Inside vial to measure flat to all direction (360°) ±5°

● Material

- Acrylic resin
- With a strap

● Vial

- Block type resin vial (Attached to the body)
- Inside vial (measurement range) 0° to ±5° 1 scale = 1°
- Outside vial (measurement range) 0° to 360° (up and down, left and right /90° to 0° to 90°) 1 scale = 2° / 5°
- Operating temperature range -10°C to +45°C

Inclination Level

Product No.	Size (Body)	Weight	Quantity per Carton	Retail Price	JAN Code
PK-70	70x70x17mm	92g	5	4,290yen	4 993711 581882

*Minimum order quantity:1

LIN-100 Line Level

Popular! Can be used to measure a string line.



● Material

- Aluminum 6 square column
- Melamine coated surface

● Vial

- Tubular resin vial
- 4 Scale
- Sensitivity 0.5mm/m = 0.0286°

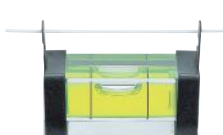
Line Level

Product No.	Size	Weight	Quantity per Carton	Retail Price	JAN Code
LIN-100	100mm	12g	10	1,200yen	4 993711 570817

*Minimum order quantity:1

P-36ℓ Line Level

Shock resistant. Can be used to measure a string line.



● Material

- Aluminum resin
- With hook

● Vial

- Block resin vial (attached to the body)
- 2 Scale
- Sensitivity 0.5mm/m = 0.0286°

Line Level

Product No.	Size	Weight	Quantity per Carton	Retail Price	JAN Code
P-36ℓ	15x15x36mm	10g	10	1,300yen	4 993711 580753

*Minimum order quantity:1

FIX-100 Fix Level



Fix Level

Product No.	Size	Hole Pitch	Hole Diameter	Weight	Quantity per Carton	Retail Price	JAN Code
FIX-100	100mm	60mm	4mm	12g	10	1,090yen	4 993711 570831

*Minimum order quantity:1

[How to use] Stretch a line and measure the centre. Line can be a little loose as long as the center of a line is placed between hooks.

ALUMINIUM LEVEL

Special Orders
Available

Please request for a quote.

(Magnetic)

L-270 L-270M Box Type Aluminium LevelSpecial order
examples

The following option fees may be quoted separately.

- Non-standard size (ex. 200mm) can be made to order
- Vertical vial can be attached to the right edge (1500mm, 1800mm, 2000mm)

Professional level with a semi-circular vial which has a magnifying lens effect.

LINE-UP

100mm



150mm



230mm



300mm



380mm



450mm



600mm



750mm



900mm



1000mm



1200mm



1500mm



1800mm



2000mm



L-270M 380mm



Frame cross section



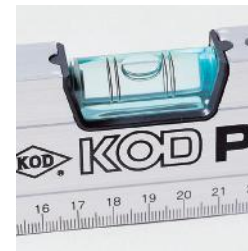
19x50.5mm

Vertical Vial



Can measure small spaces with side window.

Horizontal Vial



Semi-circular shape for easy reading.
Adjustable with torx driver T10

● Frame

- Box type frame
- With scale
- Anodic oxidation coating surface

● Vial

- Semi-circular type lens vial (horizontal vial)
- *100mm : Tubular resin vial
- 4 scales
- With phosphorescence sheet
- Horizontal and vertical vial accuracy correction mechanism (exclude 100mm)
- Adjustable with Torx screw (Driver T10) in accuracy correction
- Shock absorbing end caps to preserve accuracy
- Top read vial for an accurate read on vertical angles
- 2 vertical vial (over 1000mm length)
- Sensitivity 0.5mm/m = 0.0286°
- Accuracy ±1.5mm/m = within ±0.0859°

● Magnet (L-270M)

- 100mm to 230mm : 1 magnet
- 300mm to 1200mm : 2 magnets
- 1500mm to 2000mm : 3 magnets
- Adsorption power 0.22KN (with 2 magnets)

*Pictures above : L-270

L-270 Box Type Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
100mm	85g	5	2,990yen	4 993711 508209
150mm	140g	5	3,150yen	4 993711 508018
230mm	192g	5	3,330yen	4 993711 508025
300mm	243g	5	3,540yen	4 993711 508032
380mm	296g	5	3,740yen	4 993711 508049
450mm	348g	5	4,000yen	4 993711 508056
600mm	453g	5	4,600yen	4 993711 508063
750mm	557g	1	5,300yen	4 993711 008073
900mm	661g	1	5,980yen	4 993711 008082
1000mm	728g	1	7,930yen	4 993711 008099
1200mm	869g	1	11,440yen	4 993711 008112
1500mm	1078g	1	14,300yen	4 993711 008129
1800mm	1286g	1	17,680yen	4 993711 008136
2000mm	1426g	1	20,280yen	4 993711 008143

L-270M Box Type Magnetic Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
100mm	115g	5	4,320yen	4 993711 509206
150mm	170g	5	4,500yen	4 993711 509015
230mm	222g	5	4,710yen	4 993711 509022
300mm	303g	5	5,560yen	4 993711 509039
380mm	356g	5	5,770yen	4 993711 509046
450mm	408g	5	6,080yen	4 993711 509053
600mm	513g	5	6,680yen	4 993711 509060
750mm	617g	1	7,380yen	4 993711 009072
900mm	721g	1	8,030yen	4 993711 009089
1000mm	788g	1	10,400yen	4 993711 009096
1200mm	959g	1	14,040yen	4 993711 009119
1500mm	1168g	1	17,940yen	4 993711 009126
1800mm	1376g	1	21,320yen	4 993711 009133
2000mm	1516g	1	23,920yen	4 993711 009140

*Minimum order quantity:1

ALUMINIUM LEVEL

Box Type Aluminium Level

ALUMINIUM LEVEL

Special Orders
Available

(Magnetic)

RB-270 RB-270M Box Type Aluminium Level

L-270 Aluminium level red and black version "RED EYE"

RB-270 380mm**RB-270M** 300mm**Special order examples**

The following option fees may be quoted separately.

- 750mm, 1000mm and 2000mm can be made.
- Non-standard size (ex. 200mm and 400mm etc.) can be made to order
- Laser printing option available.

Frame cross section



19x50.5mm

Vertical Vial

Can measure small spaces with side window.

Horizontal VialSemi-circular shape for easy reading.
Adjustable with torx driver T10**Examples of use**

Ideal for construction site.

LINE-UP

150mm



230mm



300mm



380mm



450mm



600mm



900mm



*Pictures above : RB-270

● Frame

- Box type frame
- With scale
- Anodic oxidation coating surface

● Vial

- Semi-circular type lens vial (horizontal vial)
- 4 scales
- With phosphorescence sheet
- Horizontal and vertical vial accuracy correction mechanism
- Adjustable with Torx screw (Driver T10) in accuracy correction
- Shock absorbing end caps to preserve accuracy
- Top read vial for an accurate read on vertical angles
- Sensitivity 0.5mm/m = 0.0286°
- Accuracy ±1.5mm/m = within ±0.0859°

● Magnet (RB-270M)

- 150mm to 230mm : 1 magnet
- 300mm to 900mm : 2 magnets

RB-270 Box Type Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	140g	5	3,150yen	4 993711 508216
230mm	192g	5	3,330yen	4 993711 508223
300mm	243g	5	3,540yen	4 993711 508230
380mm	296g	5	3,740yen	4 993711 508247
450mm	348g	5	4,000yen	4 993711 508254
600mm	453g	5	4,600yen	4 993711 508261
900mm	661g	1	5,980yen	4 993711 508285

RB-270M Box Type Magnetic Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	170g	5	4,500yen	4 993711 509312
230mm	222g	5	4,710yen	4 993711 509329
300mm	303g	5	5,560yen	4 993711 509336
380mm	356g	5	5,770yen	4 993711 509343
450mm	408g	5	6,080yen	4 993711 509350
600mm	513g	5	6,680yen	4 993711 509367
900mm	721g	1	8,030yen	4 993711 509381

*Minimum order quantity:1

ALUMINIUM LEVEL

Special Orders
AvailableSpecial order
examplesThe following option fees may be
quoted separately.● Additional vial and change position of
horizontal vial (900mm, 1200mm)(Magnetic)
L-550 L-550M**Box Type Aluminium Level with V-shaped Ditch**

Large vial for easy reading.

Top read vial for an accurate read on vertical angles, convenient for scaffolding site.

LINE-UP



Frame cross section

19x50.5mm
V-shaped ditch on
measuring surface

● Frame

- Box type frame
- With scale
- V-shaped ditch on measuring surface
- Anodic oxidation coating surface

● Vial

- Tubular type resin vial (large vial)
- With white sheet
- 4 scales
- Top read vial for an accurate read on vertical angles
- Shock absorbing end caps to preserve accuracy
- Sensitivity 0.57mm/m = 0.0328°
- Accuracy ±1.7mm/m = within ±0.0984°

● Magnet (L-550M)

- 100mm to 230mm : 1 magnet
- 300mm to 1200mm : 2 magnets
- Adsorption power 0.22KN (with 2 magnets)

L-550 Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
100mm	85g	5	1,400yen	4 993711 504201
150mm	140g	5	1,950yen	4 993711 504010
230mm	192g	5	2,110yen	4 993711 504027
300mm	243g	5	2,210yen	4 993711 504034
380mm	296g	5	2,420yen	4 993711 504041
450mm	348g	5	2,520yen	4 993711 504058
600mm	453g	5	2,810yen	4 993711 504065
750mm	557g	1	3,670yen	4 993711 504072
900mm	661g	1	4,080yen	4 993711 504089
1200mm	869g	1	4,680yen	4 993711 504119

L-550M Magnetic Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
100mm	115g	5	2,000yen	4 993711 505208
150mm	170g	5	2,550yen	4 993711 505017
230mm	222g	5	2,700yen	4 993711 505024
300mm	303g	5	3,020yen	4 993711 505031
380mm	356g	5	3,220yen	4 993711 505048
450mm	408g	5	3,350yen	4 993711 505055
600mm	513g	5	3,640yen	4 993711 505062
750mm	617g	1	4,520yen	4 993711 505079
900mm	721g	1	4,940yen	4 993711 505086
1200mm	929g	1	5,540yen	4 993711 505116

*Minimum order quantity:1

(Magnetic)
SVL-7 SVL-7M**Box Type Aluminium Level with V-shaped Ditch**

Silver plating version of L-550

SVL-7 300mm



Vertical Vial

Can read from the side
for vertical measurements.

Horizontal Vial



Large vial for easy reading.

Frame cross section

19x50.5mm
V-shaped ditch on
measuring surface

● Frame

- Box type frame
- V-shaped ditch on measuring surface
- Anodic oxidation coating surface

● Vial

- Tubular type resin vial (large vial)
- With white sheet
- 4 scales
- Top read vial for an accurate read on vertical angles
- Shock absorbing end caps to preserve accuracy
- Sensitivity 0.57mm/m = 0.0328°
- Accuracy ±1.7mm/m = within ±0.0984°

● Magnet (SVL-7M)

- 100mm to 230mm : 1 magnet
- 300mm to 600mm : 2 magnets
- Adsorption power 0.22KN (with 2 magnets)

SVL-7 Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	140g	5	2,520yen	4 993711 540315
230mm	192g	5	2,650yen	4 993711 540322
300mm	243g	5	2,780yen	4 993711 540339
380mm	296g	5	2,910yen	4 993711 540346
450mm	348g	5	3,040yen	4 993711 540353
600mm	453g	5	3,300yen	4 993711 540360

SVL-7M Magnetic Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
100mm	115g	5	2,340yen	4 993711 540407
150mm	170g	5	2,780yen	4 993711 540414
230mm	222g	5	2,910yen	4 993711 540421
300mm	303g	5	3,300yen	4 993711 540438
380mm	356g	5	3,430yen	4 993711 540445
450mm	408g	5	3,560yen	4 993711 540452
600mm	513g	5	3,820yen	4 993711 540469

*Minimum order quantity:1

ALUMINIUM LEVEL

Box Type Aluminium Level with V-shaped Ditch

ALUMINIUM LEVEL

(Magnetic)

L-170Q L-170MQ I-shaped Aluminium Level with 45° Vial

Ultimate version of I-shaped aluminium level

LINE-UP

600mm



Frame cross section

26x56mm
V-shaped ditch
on measuring surface

450mm



45° Vial



380mm



Horizontal Vial



Vertical Vial



300mm



● Frame

- I-shaped frame
- V-shaped ditch on measuring surface
- Anodic oxidation coating surface

● Vial

- Tubular type resin vial
- 4 scales
- Sensitivity 0.5mm/m = 0.0286°
- Accuracy $\pm 1.5\text{mm/m}$ = within $\pm 0.0859^\circ$

● Magnet

- Adsorption power 0.22KN (with 2 magnets)

230mm



[Magnetic]

L-170MQ 300mm

150mm

*150mm to 230mm : 1 magnet
300mm to 600mm : 2 magnets

*Pictures above : L-170Q

L-170Q Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	IAN Code
150mm	125g	10	2,375yen	4 993711 506212
230mm	180g	10	2,600yen	4 993711 506229
300mm	235g	10	2,950yen	4 993711 506236
380mm	290g	10	3,275yen	4 993711 506243
450mm	345g	10	3,450yen	4 993711 506250
600mm	455g	10	3,950yen	4 993711 506267

L-170MQ Magnetic Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	IAN Code
150mm	185g	10	2,650yen	4 993711 507219
230mm	240g	10	3,000yen	4 993711 507226
300mm	295g	10	3,425yen	4 993711 507233
380mm	350g	10	3,825yen	4 993711 507240
450mm	405g	10	3,875yen	4 993711 507257
600mm	515g	10	4,625yen	4 993711 507264

ALUMINIUM LEVEL

(Magnetic)

L-160Q L-160MQ I-shaped Aluminium Level with 45° Vial

I-shaped Aluminium Level for Professionals.
Can be used for horizontal, vertical and 45° reading.

L-160Q 380mm



L-160MQ 380mm

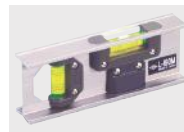


Frame cross section



26x56mm
V-shaped ditch
on measuring surface

150mm



Horizontal Vial



● Frame

- I-shaped frame
- V-shaped ditch on measuring surface
- Anodic oxidation coating surface

● Vial

- Tubular type resin vial
- 4 scales
- Sensitivity 0.5mm/m = 0.0286°
- Accuracy $\pm 1.5\text{mm/m}$ = within $\pm 0.0859^\circ$

● Magnet (L-160M / L-160MQ)

- 100mm to 230mm : 1 magnet
- 300mm to 1200mm : 2 magnets
- 1500mm to 2000mm : 3 magnets
- Adsorption power 0.22KN (with 2 magnets)

L-160 Aluminium Level (without 45° Vial)

Size	Weight	Quantity per Carton	Retail Price	JAN Code
100mm	130g	10	2,210yen	4 993711 506203
150mm	160g	10	2,390yen	4 993711 506014

L-160M Magnetic Aluminium Level (without 45° Vial)

Size	Weight	Quantity per Carton	Retail Price	JAN Code
100mm	170g	10	4,110yen	4 993711 507202
150mm	200g	10	4,290yen	4 993711 507011

L-160Q Aluminium Level (with 45° Vial)

Size	Weight	Quantity per Carton	Retail Price	JAN Code
230mm	240g	10	2,550yen	4 993711 506021
300mm	320g	10	2,810yen	4 993711 506038
380mm	390g	10	3,070yen	4 993711 506045
450mm	450g	10	3,350yen	4 993711 506052
600mm	570g	10	3,820yen	4 993711 506069
750mm	680g	1	4,680yen	4 993711 006071
900mm	820g	1	5,720yen	4 993711 006088
1000mm	980g	1	7,800yen	4 993711 006095
1200mm	1000g	1	11,180yen	4 993711 006118
1500mm	1150g	1	14,040yen	4 993711 006125
1800mm	1300g	1	17,420yen	4 993711 006132
2000mm	1460g	1	20,020yen	4 993711 006149

L-160MQ Magnetic Aluminium Level (without 45° Vial)

Size	Weight	Quantity per Carton	Retail Price	JAN Code
230mm	280g	10	4,450yen	4 993711 507028
300mm	400g	10	4,730yen	4 993711 507035
380mm	470g	10	4,970yen	4 993711 507042
450mm	530g	10	5,250yen	4 993711 507059
600mm	650g	10	5,720yen	4 993711 507066
750mm	760g	1	6,500yen	4 993711 007078
900mm	900g	1	7,540yen	4 993711 007085
1000mm	1060g	1	9,880yen	4 993711 007092
1200mm	1080g	1	13,520yen	4 993711 007115
1500mm	1270g	1	17,420yen	4 993711 007122
1800mm	1420g	1	20,800yen	4 993711 007139
2000mm	1580g	1	23,400yen	4 993711 007146

(Magnetic)

*Minimum order quantity:1

L-120Q L-120MQ I-shaped Aluminium Level with 45° Vial

Standard for an aluminium level.
Very handy with horizontal, vertical and 45° vial.

L-120Q 380mm



L-120MQ 380mm

Frame cross section



25x52mm

● Frame

- I-shaped frame
- Anodic oxidation coating surface

● Vial

- Tubular type resin vial
- 4 scales
- Sensitivity 0.5mm/m = 0.0286°
- Accuracy $\pm 1.5\text{mm/m}$ = within $\pm 0.0859^\circ$

L-120Q Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	130g	10	1,950yen	4 993711 511018
230mm	199g	10	2,130yen	4 993711 511025
300mm	264g	10	2,310yen	4 993711 511032
380mm	324g	10	2,550yen	4 993711 511049
450mm	386g	10	2,780yen	4 993711 511056
600mm	504g	10	3,280yen	4 993711 511063
750mm	618g	1	4,080yen	4 993711 011075
900mm	740g	1	5,300yen	4 993711 011082

L-120MQ Magnetic Aluminium Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	170g	10	2,420yen	4 993711 511315
230mm	239g	10	2,650yen	4 993711 511322
300mm	344g	10	2,890yen	4 993711 511339
380mm	404g	10	3,120yen	4 993711 511346
450mm	466g	10	3,350yen	4 993711 511353
600mm	584g	10	3,850yen	4 993711 511360
750mm	698g	1	4,780yen	4 993711 511377
900mm	820g	1	5,880yen	4 993711 511384

*Minimum order quantity:1

ALUMINIUM LEVEL

(Magnetic)

L-300Q L-300MQ Box Type Aluminium Level with 45° Vial

Box type frame with a strong rib. For horizontal, vertical and 45° reading.
Includes accuracy correction mechanism!

L-300Q 380mm



L-300MQ 380mm

Frame cross section



23.6x57mm

150mm



● Frame

- Box type frame with rib
- Polishing finish on measuring surface (150mm to 1200mm)
- Melamine coated surface

● Vial

- Block type resin vial
- 4 scales
- Horizontal, vertical and 45° vial accuracy correction mechanism
- Adjustable with Torx screw (Driver T10) in accuracy correction
- Sensitivity 0.5mm/m = 0.0286°
- Accuracy ±1.50mm/m = within ±0.0859°

● Magnet (L-300M / L-300MQ)

- 150mm to 230mm : 1 magnet
- 300mm to 1200mm : 2 magnets
- 1500mm to 2000mm : 3 magnets
- Adsorption power 0.22KN (with 2 magnets)

L-300 Aluminium Level (without 45° Vial)

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	176g	1	3,720yen	4 993711 015011

L-300Q Aluminium Level (with 45° Vial)

Size	Weight	Quantity per Carton	Retail Price	JAN Code
230mm	251g	1	5,120yen	4 993711 015028
300mm	326g	1	5,360yen	4 993711 015035
380mm	400g	1	5,620yen	4 993711 015042
450mm	475g	1	5,930yen	4 993711 015059
600mm	624g	1	6,660yen	4 993711 015066
750mm	774g	1	7,440yen	4 993711 015073
900mm	923g	1	8,240yen	4 993711 015080
1000mm	1023g	1	9,360yen	4 993711 015097
1200mm	1222g	1	13,520yen	4 993711 015110
1500mm	1520g	1	16,900yen	4 993711 015127
1800mm	1819g	1	20,800yen	4 993711 015134
2000mm	2018g	1	23,920yen	4 993711 015141

L-300M Magnetic Aluminium Level (without 45° Vial)

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	206g	1	5,100yen	4 993711 025010

L-300MQ Magnetic Aluminium Level (with 45° Vial)

Size	Weight	Quantity per Carton	Retail Price	JAN Code
230mm	281g	1	6,500yen	4 993711 025027
300mm	356g	1	7,410yen	4 993711 025034
380mm	460g	1	7,670yen	4 993711 025041
450mm	535g	1	7,980yen	4 993711 025058
600mm	684g	1	8,740yen	4 993711 025065
750mm	834g	1	9,520yen	4 993711 025072
900mm	983g	1	10,970yen	4 993711 025089
1000mm	1083g	1	12,090yen	4 993711 025096
1200mm	1282g	1	17,160yen	4 993711 025119
1500mm	1610g	1	20,800yen	4 993711 025126
1800mm	1909g	1	24,700yen	4 993711 025133
2000mm	2108g	1	29,380yen	4 993711 025140

L-150D-VQ Box Type Aluminium Level with Large 45° Vial

Uses a large glass vial to meet the demands of high level accuracy.

450mm



Frame cross section



23.6x57mm

● Frame

- Box type frame with rib
- 4 side polish finishing
- Melamine coated surface

● Vial

- Horizontal vial : glass large high sensitivity vial
- 14 scales (2mm distance scale)
- Sensitivity 1Div = 2.0mm/m (400seconds) ±20%
- Green liquid color
- Vertical / 45° vial : block type resin vial

L-150D-VQ Aluminium Level with Large Vial

Size	Weight	Quantity per Carton	Retail Price	JAN Code
380mm	430g	1	11,960yen	4 993711 018043
450mm	495g	1	12,220yen	4 993711 018050
600mm	610g	1	13,000yen	4 993711 018067
750mm	787g	1	13,780yen	4 993711 018074
900mm	881g	1	15,080yen	4 993711 018081
1000mm	986g	1	16,900yen	4 993711 018098

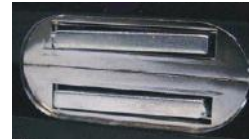
LEVEL FOR ENGINEERING WORKS

DI-230M Digital Level

Handles simplified display (0.1°unit) to high accuracy display (0.05°unit)!
Compact size, easy to carry! Digital level for various work.

Material

- Body : aluminum



[Notice]
Magnet on measuring surface is movable.
Iron piece will be popped out by magnetic power when magnet is in use.
Please keep iron piece pushed into level when you use them.

- Simple accuracy adjustment function!
- Digital reverse display function!
- Auto power off (3 minutes)

Examples of use



For electric works!



For engineering works!



For mechanical installation!

Digital Level (With Soft Case)

Product No.	Size	Weight	Quantity per Carton	Retail Price	JAN Code
DI-230M	230mm	270g	4	15,500yen	4 993 711 537 063

*Minimum order quantity:1

DIG-600M Digital Level

Double measuring surface (with magnet and with V-shaped ditch)!
Easy to carry with grips!



Material

- Body : aluminum

Conversion table convenient for measurement!

Digital display function (DI-230M / DIG-600M)

Mode

1. Angle(0.1°unit)	2. Angle(0.05°unit)	3. %	4. mm/m
1.10°	1.15°	2.00%	20

*Display for 1/50 inclination (2cm down for 1m)

Specification

Digital Display	0.1°, 0.05° unit display (mode switchover)
Horizontal Vial Accuracy	Sensitivity 0.57mm/m = 0.0328° Accuracy ±1.7mm/m = ±within 0.0984°
Digital Accuracy	Accuracy 0°, 90°...±0.05° Other...±0.2°
Battery	CR2032x2
Display Mode	Angle (0.1°) ⇒ Angle (0.05°) ⇒ % ⇒ mm/m
Buzzer Sound Setting	0°, 90° or HOLD (arbitrary) angle *Press HOLD button twice at arbitrary angle to set sound. Setting will be deleted when turned off. Hold MODE button for longer to switch sound ON/OFF.
Operating Temperature Range	0°C to 45°C

(On the back of the level)

[Digital Display Conversion Table]

	MODE ① ②	MODE ③	MODE ④
Inclination	Angle	%	mm/m
1/25	2.30°	4.00%	40
1/33	1.75°	3.05%	30
1/50	1.15°	2.00%	20
1/75	0.75°	1.30%	13
1/100	0.60°	1.05%	10
1/150	0.40°	0.70%	7
1/200	0.30°	0.50%	5
1/300	0.20°	0.35%	3
1/400	0.15°	0.25%	2
1/500	0.10°	0.15%	1

Measuring surface with magnet

Measuring surface with V-shaped ditch

Edge cover

Conversion table on the back of the level!

Double measuring surface

1. Surface with magnet
2. Surface with V-shaped ditch

Examples of use



For mechanical installation!



For block storing!



For plumbing!

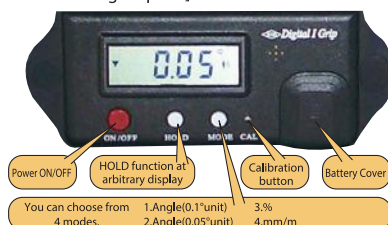
Digital Level (With Soft Case)

Product No.	Size	Weight	Quantity per Carton	Retail Price	JAN Code
DIG-600M	600mm	560g	5	16,500yen	4 993 711 537 032

*Minimum order quantity:1

Notify angle (horizontal, vertical, arbitrary) by sound.

[Specification for digital parts]



You can choose from 4 modes.
1. Angle(0.1°unit)
2. Angle(0.05°unit)
3. %
4. mm/m

How to correct digital

With digital unit correct function, you can correct digital anywhere in 2-3minutes.

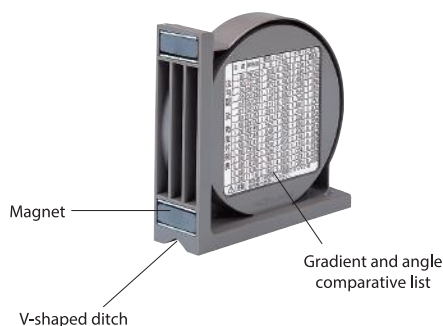
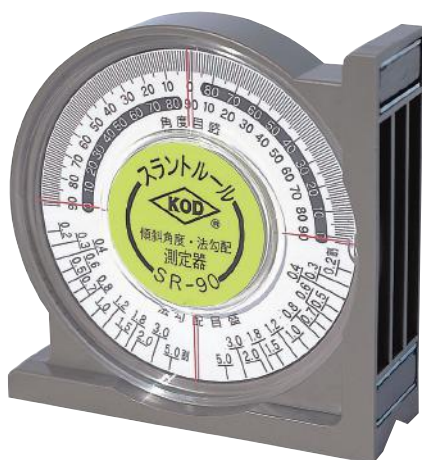
*Smooth horizontal and vertical surface is required for correction.

1. Press CAL button with wire and place level on smooth surface with its sound on.
2. Press MODE button and don't move level until you hear the sound (Digital will count 10).
3. Move level 180°. Press MODE button and don't move level until you hear the sound (Digital will count 10).
4. Fix level on vertical surface. Press MODE button and don't move level until you hear the sound (Digital will count 10).
5. Move level 180°. Press MODE button and don't move level until you hear the sound (Digital will count 10).
6. Correction is finished when you hear the sound.

LEVEL FOR ENGINEERING WORKS

SR-90 Slant Rule

Ideal for work with slopes such as plumbing, drainage works and steel frame structures etc.



Examples of use



For duct construction and plumbing works



For drainage works



For form works



For measuring slope gradient

Material

- ABS resin

Measuring surface (2points)

- V-shaped ditch for using on pipes
- Strong magnet for using on steel frame

Inclination Angle Scale

- 1scale = 1°
- 90° to 0° to 90° (180°)

Gradient Scale

- 2, 3, 4, 5, 6, 7 and 8 minutes
- 1.0%, 1.2%, 1.5%, 1.8%, 2.0%, 3.0%, 5.0%
- *Please refer to gradient and angle comparative list on the product for further information.
- Sensitivity $\pm 0.5^\circ$

Slant Rule

Product No.	Size	Weight	Quantity per Carton	Retail Price	JAN Code
SR-90	95×95×30mm	110g	5	2,210yen	4 993711 585101

*Minimum order quantity:1

EZ-85 EZ-LEVEL

Built-in magnet! Compact 85mm size!!
New colors available!



Black (EZ-85B)



White (EZ-85W)



Blue (EZ-85C)



Red (EZ-85R)



Pink (EZ-85P)

Examples of use



With magnet



Suitable for DIY



U-shaped measuring surface

EZ-LEVEL

Product No.	Color	Size (Body)	Weight	Quantity per Carton	Retail Price	JAN Code
EZ-85B	Black	85mm	60g	10	1,100yen	4 993711 549905
EZ-85W	White	85mm	60g	10	1,100yen	4 993711 549912
EZ-85C	Blue	85mm	60g	10	1,100yen	4 993711 549929
EZ-85R	Red	85mm	60g	10	1,100yen	4 993711 549936
EZ-85P	Pink	85mm	60g	10	1,100yen	4 993711 549943

Vial

- Sensitivity 0.6mm/m = 0.0033°/m
- Accuracy $\pm 1.74\text{mm/m}$ = within $\pm 0.1^\circ/\text{m}$

Notes

- This product is a simplified level, please use higher accuracy levels for large construction work.
- Liquid color of vials may fade under the influence of UV, but it doesn't affect its accuracy and sensitivity.
- All construction work should be carried out under the technical responsibility of constructors and we don't take any responsibilities in faulty construction.

POCKET LEVEL

RB-150 Protect Armour Plus

Level with holder and very strong magnet

Stick and hold with magnetic holder!



Comfortable to work with holder



Can be stored in any direction depending on user's convenience



Horizontal vial with lens effect for easy reading

High visibility with silver scale!



With double strong magnet

Body size : 150mm (120g)
(With holder : 185mm (160g))

Material

- Frame : Aluminium
- Surface : ABS resin

Vial

- Sensitivity 0.57mm/m = 0.0328°
- Accuracy $\pm 1.7\text{mm/m}$ = within $\pm 0.0984^\circ$



Product No.	Color	Retail Price	JAN Code
RB-150N	Navy	3,100yen	4 993711 544023
RB-150B	Black	3,100yen	4 993711 544054
RB-150R	Red	3,100yen	4 993711 544016
RB-150W	White	3,100yen	4 993711 544047
RB-150G	Green	3,100yen	4 993711 544030

PA Protect Armour

Compact size level with strong magnet. New colors available!



Black (PA-BN)



White (PA-WN)



Strong magnetic force!
1.7 times more than old model!!



Same color vial



Blue (PA-CN)



Red (PA-RN)



Pink (PA-PN)



U-shaped measuring surface

Protect Armour

Product No.	Color	Size (Body)	Weight	Quantity per Carton	Retail Price	JAN Code
PA-BN	Black	100mm	80g	10	2,450yen	4 993711 541183
PA-WN	White	100mm	80g	10	2,450yen	4 993711 541220
PA-CN	Blue	100mm	80g	10	2,450yen	4 993711 541237
PA-RN	Red	100mm	80g	10	2,450yen	4 993711 541190
PA-PN	Pink	100mm	80g	10	2,450yen	4 993711 541244

Vial

- Sensitivity 0.57mm/m = 0.0328°
- Accuracy $\pm 1.7\text{mm/m}$ = within $\pm 0.0984^\circ$

POCKET LEVEL

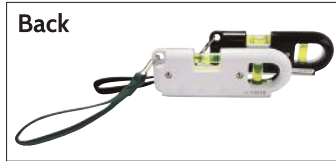
SB-13 SW-13 SC-13 SG-13 SP-13 Pocket Level

Compact and easy to carry in a pocket.

Black (SB-13)



Back



White (SW-13)



Blue (SC-13)



Green (SG-13)



Pink (SP-13)



Back



● Frame

- ABS resin
- Size (18×47×130mm)
- Aluminium core

● Vial

- Tubular type resin vial
- 4 scales
- Sensitivity 0.5mm/m = 0.0286°
- Accuracy ±1.50mm/m = within ±0.0859°

● Magnet

- Use neodymium magnet
- Strong absorption

Compact!



Ideal for scaffold assembling!



Pocket Level (with hand strap)

Product No.	Color	Size	Weight	Quantity per Carton	Retail Price	JAN Code
SB-13	Black	18×47×130mm	95g	10	2,340yen	4 993711 540230
SW-13	White	18×47×130mm	95g	10	2,340yen	4 993711 540223

*Minimum order quantity:1

Pocket Level (with ball chain)

Product No.	Color	Size	Weight	Quantity per Carton	Retail Price	JAN Code
SC-13	Blue	18×47×130mm	95g	1	2,470yen	4 993711 540278
SG-13	Green	18×47×130mm	95g	1	2,470yen	4 993711 540261
SP-13	Pink	18×47×130mm	95g	1	2,470yen	4 993711 540292

ML-13 L-13 Magnetic Pocket Level / Non-Magnetic Pocket Level

Pocket level with strong magnet. Ideal for electrical work and interior finishing.



Special Orders Available

The following option fees may be quoted separately.
 ● Ideal for commemorative or promotional gift
 ● Name printing option available

Magnet



With name printing option for gifts

● Frame

- Heat resistant ABS resin
- Aluminium core
- With hand strap

● Vial

- Tubular type resin vial
- 4 scales
- Sensitivity 0.5mm/m = 0.0286°
- Accuracy ±1.50mm/m = within ±0.0859°

● Magnet (ML-13)

- 1 magnet
- Adsorption power 0.11KN

Magnetic Pocket Level

Product No.	Size	Weight	Quantity per Carton	Retail Price	JAN Code
ML-13	18×47×130mm	95g	10	2,340yen	4 993711 540216

Non-Magnetic Pocket Level

Product No.	Size	Weight	Quantity per Carton	Retail Price	JAN Code
L-13	18×47×130mm	70g	10	2,080yen	4 993711 540018

*Minimum order quantity:1

IRON LEVEL

(nickel plating finish)

L-100 L-52 Iron Level

Spark resistant for welding operations
Shock resistant resin vial

LINE-UP



*Pictures above : L-100

● Frame

- I-shaped frame
 - Polishing finish, V-shaped ditch on measuring surface
 - Cast iron made
 - Melamine coated surface
 - Nickel plating finish (L-52 only)
- More resistant to rust compared to L-100

● Vial

- Tubular type resin vial
- 4 scales
- Horizontal accuracy correction mechanism
- Sensitivity 0.5mm/m = 0.0286°
- Accuracy $\pm 1.50\text{mm/m}$ = within $\pm 0.0859^\circ$

Frame size

(150, 230mm) 22×41mm
(300, 380mm) 22×42mm
(450, 600mm) 24.5×42.5mm
(750, 900mm) 26.8×45.6mm

Horizontal accuracy correction screw



Examples of use



Ideal for welding operation

L-100 Iron Level

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	370g	1	4,910yen	4 993711 001519
230mm	525g	1	5,150yen	4 993711 001526
300mm	760g	1	5,770yen	4 993711 001533
380mm	925g	1	6,060yen	4 993711 001540
450mm	1150g	1	6,790yen	4 993711 001557
600mm	1510g	1	10,010yen	4 993711 001564
750mm	1925g	1	15,440yen	4 993711 001571
900mm	2470g	1	17,390yen	4 993711 001588

L-52 Iron Level (nickel plating finish)

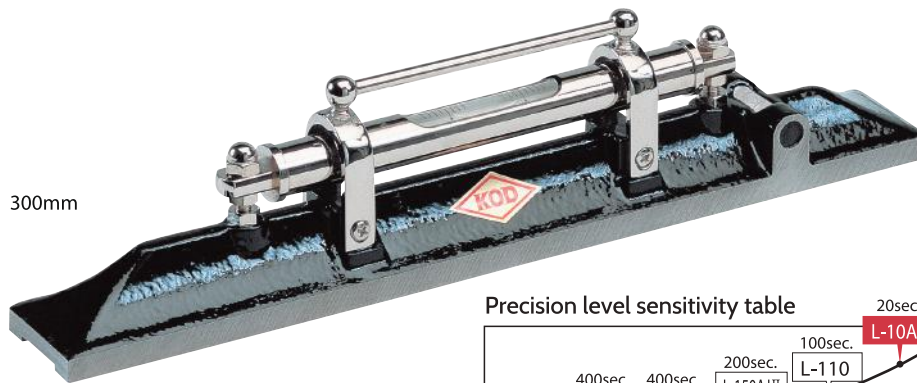
Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	370g	1	5,490yen	4 993711 001717
230mm	525g	1	5,800yen	4 993711 001724
300mm	760g	1	6,630yen	4 993711 001731
380mm	925g	1	6,730yen	4 993711 001748
450mm	1150g	1	7,640yen	4 993711 001755
600mm	1510g	1	11,620yen	4 993711 001762
750mm	1925g	1	17,760yen	4 993711 001779
900mm	2470g	1	19,990yen	4 993711 001786

PRECISION LEVEL

(Equal to JIS type3)

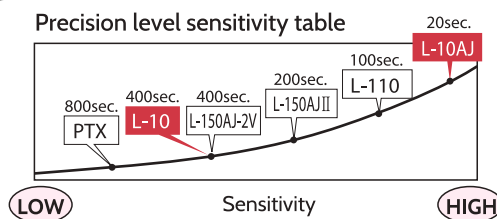
L-10AJ L-10 Adjustable Precision Iron Level

High sensitivity large vial for precise measurement, ideal for mechanical assembly and inspections etc.



300mm

Precision level sensitivity table



Frame

- Precision polishing finish, ditch on measuring surface
- Cast iron made complete seasoning processed
- Melamine coated surface
- Packed in a wooden storage case

Vial

- Horizontal vial : High sensitivity large glass vial
- L-10AJ/16 scales (2mm scale distance)
- L-10/14scales (2mm scale distance)
- Horizontal vial adjustment mechanism
- Sensitivity
L-10AJ 1Div = 0.1mm/m (20 seconds) $\pm 10\%$
L-10 1Div = 2.0mm/m (400 seconds) $\pm 20\%$

Frame size L-10AJ, L-10
(150 to 300mm) 40×67mm
(450 to 600mm) 45×72mm

L-10AJ Adjustable Precision Iron Level 1Div=0.1mm/m (20sec.) $\pm 10\%$ (equal to JIS type3)

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	955g	1	70,690yen	4 993711 001311
200mm	1095g	1	77,580yen	4 993711 001397
250mm	1296g	1	85,120yen	4 993711 001328
300mm	1642g	1	91,180yen	4 993711 001335
450mm	3000g	1	108,450yen	4 993711 001359
600mm	3485g	1	118,690yen	4 993711 001366

L-10 Adjustable Precision Iron Level 1Div = 2.0mm/m (400sec.) $\pm 20\%$

Size	Weight	Quantity per Carton	Retail Price	JAN Code
150mm	955g	1	60,320yen	4 993711 001212
200mm	1095g	1	66,350yen	4 993711 001298
250mm	1296g	1	72,380yen	4 993711 001229
300mm	1642g	1	78,420yen	4 993711 001236
450mm	3000g	1	84,450yen	4 993711 001250
600mm	3485g	1	90,480yen	4 993711 001267

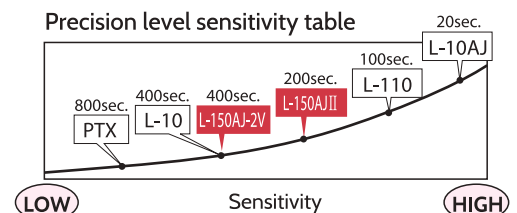
L-150AJ-II L-150AJ-2V Adjustable Precision Aluminium Level

Standard level for precise measurement. Horizontal vial adjust screw and protection cover included.



450mm

Precision level sensitivity table



Frame

- Box type frame with rib
- 4 side polish finishing
- Melamine coated surface

Vial

- Horizontal vial : High sensitivity large glass vial
- L-150AJ-II/16 scales (2mm scale distance)
- L-150AJ-2V/14scales (2mm scale distance)
- Horizontal vial adjustment mechanism
- Sensitivity
L-150AJ-II/1Div = 1.0mm/m (200 seconds) $\pm 10\%$
L-150AJ-2V/1Div = 2.0mm/m (400 seconds) $\pm 20\%$
- Green liquid color
- Vertical vial : Block type resin vial

Frame cross section



23.6×57mm

Protection cover for horizontal vial



Horizontal vial adjust screw

L-150AJ-II Adjustable Precision Aluminium Level 1Div = 1.0mm/m (200sec.) $\pm 10\%$

Size	Weight	Quantity per Carton	Retail Price	JAN Code
230mm	970g	1	24,700yen	4 993711 019521
300mm	1150g	1	26,000yen	4 993711 019538
380mm	1333g	1	27,300yen	4 993711 019543
450mm	1400g	1	27,820yen	4 993711 019552
600mm	1480g	1	29,120yen	4 993711 019569

L-150AJ-2V Adjustable Precision Aluminium Level 1Div = 2.0mm/m (400sec.) $\pm 20\%$

Size	Weight	Quantity per Carton	Retail Price	JAN Code
380mm	1340g	1	23,660yen	4 993711 019040
450mm	1405g	1	24,440yen	4 993711 019057
600mm	1485g	1	25,480yen	4 993711 019064

[International Standardization Organization] Acquired ISO9001:2008 certification

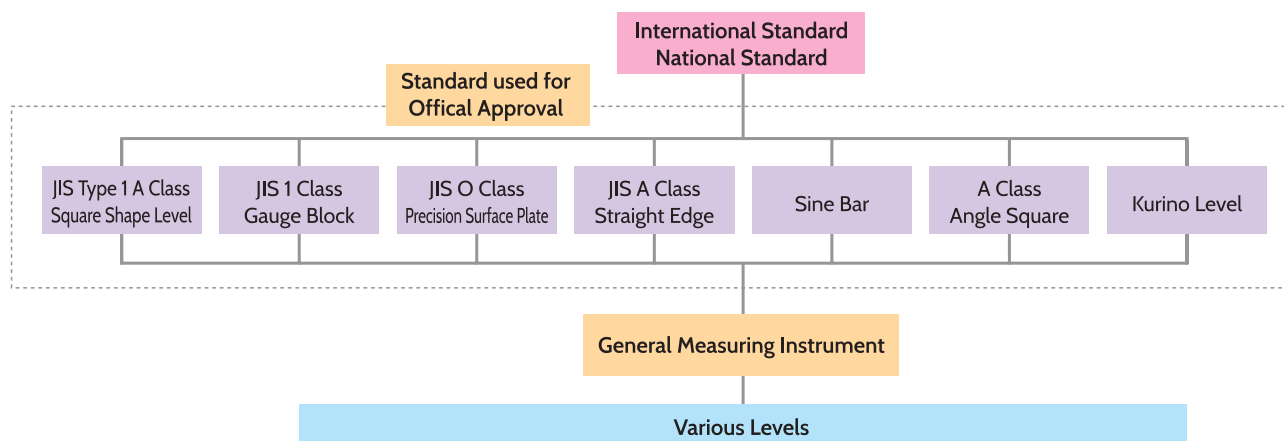


■ International Standardization Organization (ISO)

AKATSUKI MFG.CO.,LTD.
acquired international
standard of quality assurance
" ISO9001:2008" for our all
product "Planning,
development, manufacture
and additional service for
KOD levels, gradient
instrument, Plumb Bob and
other related tools".



■ Traceability System Diagram in KOD Level



■ Issuance of Certificates (ISO certificates x 3 set, extra cost)

Inspection report, calibration certificate and traceability system diagram can be attached for our product (level, gradient instrument and vial) with an additional cost.

1. Inspection Report : It proves that report for measured value against standard allowed value.
2. Calibration Certificate : It proves that standard used in inspection has traceability in public organization.
3. Traceability System Diagram : It proves that the measuring instrument used in inspection has international standards and traceability.

• Dealer



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Product specification in this catalog is subject to change without prior notice.