



9. Scales



- Carpenter's Squares
- Stainless Steel Rules/Machine Scale
- Aluminum Rules
- Resin Folding Rules/Bamboo Rules
- Squares/Protractors
- Venier Calipers/Micrometers
- Tape Measures
- Surveying Products
- Scales**
- Levels
- Lasers/Optical Equipment
- Levels/Chalklines/Plumblines
- Circular Saw Guides
- Construction Tools
- Industrial Tools
- Thermometers/Hygrometers/Hygrometers
- Outdoor Products
- Magnifying Glasses
- Drawing Tools
- Magnets

Packaging Shrink package Box Vinyl package + header card Card No package
 Sleeve package Bag Clear package Vinyl package

Digital Compact Scale



Features

- Portable pocket size
- Able to show net weight without weight of container or bag
- Simple and highly visible white LCD display – visible even in the dark
- With auto power off function
- With back light

Use

- For weighing small parts, calculating number

Specifications

Not for commercial use	
Capacity	200 g
Minimum Measurement	0.2 g
Scale Interval	0.1 g
Linearity	±0.2 g
Use Environment	10-30°C (lower than 85% of humidity)
Automatic Power Off	1 minute
Material	Platform: Stainless steel Cover: ABS resin
Digital Display	LCD Display, Character Height: 13 mm
Power Source	2x AAA Alkaline batteries (Batteries included are for trial use only and may not last as long.)

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Qty.	Packaging
70163	Mini 200 g	115x64x18	110	4 960910 701632	3	

JIS JIS mark With red numbers cm/shaku (Upper side for Front/shaku, Lower side for Back/shaku) With magnet Vial with luminous sheet Thermometer Double-sided tape Letters in Japanese With stopper Oil Glass lens With edge
 Japanese zodiac signs With battery shaku/cm (Upper side for Front/shaku, Lower side for Back/shaku) With non-slip pad Thermometer-Hygrometer Hygrometer Air-tight Letters in English With direction arrow With grid scale Plastic lens

Digital Scale for Commercial Use

70194



● Inspection certificate plate: serial number, assembly year, calibration month & year



Plastic tray included



70119

Sold separately



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Pack. Qty. (Unit)	Packaging
70191	3 kg	281×259×148	2,050		1	B
70192	6 kg	281×259×148	2,050		1	
70193	15 kg	281×259×148	2,060		1	
70194	30 kg	281×259×148	2,065		1	
70119	AC adapter	84×58×69	463		1	

Features

● Dustproof and waterproof

IP56 5 Protected from limited dust ingress
6 Protected from high pressure water jets from any direction

● 30 mm character height large, back-lit screen



● Stainless steel plate accessory allows sanitary use. Detachable and washable

● Auto power off function: Turns off after about 9 minutes pass without operation

● Tare function that allows for the weight of the container and displays only the weight of the contents

Use

● For weighing various things from crops to fishery products, etc

Specifications

Suitable for commercial use

	70191	70192	70193	70194
Capacity	3 kg	6 kg	15 kg	30 kg
Minimum Measurement	50 g	100 g	200 g	500 g
Resolution	1/600	1/600	1/750	1/600
Scale Interval	5 g	10 g	20 g	50 g
Linearity	±5 g	±10 g	±20 g	±50 g
Reproducibility	±5 g	±10 g	±20 g	±50 g
Auto Power Off	Approximately 9 minutes			
Digital Display	LCD Display, Character Height: 30mm			
Dustproof/Waterproof	IP56 (when the battery is used)			
Plate Size	200 × 240 mm			
Material	Body: ABS resin			
Power Source	6x Alkaline batteries (not included) AC adapter (sold separately #70119)			
Rated Voltage	DC9V			

Digital Scale

70106



Plastic tray included



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Pack. Qty. (Unit)	Packaging
70104	3 kg	281×259×148	1,910		1	B
70105	6 kg	281×259×148	1,918		1	
70106	15 kg	281×259×148	1,924		1	
70107	30 kg	281×259×148	1,928		1	

Features

● Dustproof and waterproof

IP56 5 Protected from limited dust ingress
6 Protected from high pressure water jets from any direction

● 30 mm character height large, back-lit screen



● Stainless steel plate accessory allows sanitary use. Detachable and washable

● Auto power off function: Turns off after about 9 minutes pass without operation

● With tare function that allows for the weight of the container and displays only the weight of the contents

Use

● For weighing various things from crops to fishery products, etc

Specifications

Not for commercial use

	70104	70105	70106	70107
Capacity	3 kg	6 kg	15 kg	30 kg
Minimum Measurement	20 g	40 g	100 g	200 g
Resolution	1/3000			
Scale Interval	1 g	2 g	5 g	10 g
Linearity	±1 g	±2 g	±5 g	±10 g
Reproducibility	±1 g	±2 g	±5 g	±10 g
Auto Power Off	Approximately 9 minutes			
Digital Display	LCD Display, Character Height: 30 mm			
Dustproof/Waterproof	IP56 (when the battery is used)			
Plate Size	200 × 240 mm			
Material	Body: ABS resin			
Power Source	6x Alkaline batteries (not included) AC adapter (sold separately #70119)			
Rated Voltage	DC9V			

JIS JIS mark With red numbers cm/shaku (Upper side for front metric / Lower side for back shaku) With magnet Vial with luminous sheet Thermometer Double-sided tape Letters in Japanese With stopper Oil Glass lens With edge
 Japanese zodiac signs With battery shaku/cm (Upper side for front shaku / Lower side for back metric) With non-slip pad Thermometer/Hygrometer Hygrometer With hanging tool Letters in English With direction arrow With grid scale Plastic lens

Digital Scale Remote-reading



70108



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
70108	100 kg	276×291×33 Operating part 108×126×55	3,380	4 960910 701083	4	B

Features

- Visible display position - remote display
- Rust-resistant stainless steel platform
- Low height platform (33 mm) is convenient when weighing heavy goods
- Easy-to-read 15 mm character height LCD display
- Auto power off function
- Percentage mode for comparative measurement
- Convenient tare function
- AC adapter included (1x 9V Alkaline battery also included)



Use

- For weighing crops, etc.

Specifications

Not for commercial use

Capacity	100 kg
Minimum Measurement	0.5 kg
Scale Interval	0.05 kg
Accuracy	±0.5 kg
Use Environment	5 - 35°C (without condensation)
Automatic Power Off	4 minutes
Digital Display	LCD Display, Character Height: 15 mm
Material	Platform: Stainless steel Body: Glass Operating Part: ABS resin
Power Source	1x 9V Alkaline battery (Battery included is for trial use only and may not last as long) AC adapter

Scale



70008

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
70026	50 kg	350×289×146	5,000	4 960910 700260	1	B
70008	100 kg	350×289×146	5,000	4 960910 700086	1	B

Features

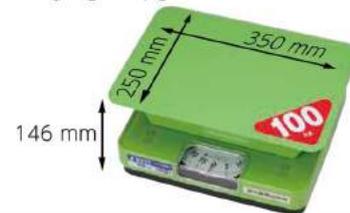
- Easy-to-read graduation plate



50 kg

100 kg

- Low height platform is convenient when weighing heavy goods



Use

- For weighing crops, etc.

Specifications

Not for commercial use

	70026	70008
Capacity	50 kg	100 kg
Scale Interval	200 g	500 g
Size of Platform	350 × 250 mm	
Material	Platform, Body: Steel Graduation Display Cover: AS resin Graduation Plate: Aluminum	

Scale for Commercial Use



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Pack. Qty. (U)	Packaging
70123	200 g	240×190×210	1,800	4 960910 701236	1 (B)	B
70124	400 g	240×190×210	1,800	4 960910 701243		
70079	1 kg	240×190×210	1,800	4 960910 700796		
70081	2 kg	270×220×270	3,400	4 960910 700819	1 (4)	B
70084	4 kg	270×220×270	3,400	4 960910 700840		
70087	8 kg	270×220×270	3,400	4 960910 700871		
70090	12 kg	270×220×270	3,400	4 960910 700901		
70093	20 kg	270×245×270	4,000	4 960910 700932		
70102	30 kg	280×260×275	4,500	4 960910 701021		
70101	50 kg	380×320×355	11,000	4 960910 701014		

- Features**
- Easy-to-read scale with clear graduations
 - Durable with robust design
 - Dust and moisture proof (70101)

- Use**
- For weighing various things from crops to fishery products, etc.

Specifications Suitable for commercial use

Type	Spring dial scale with standard matching verification		
Precision Grade	Grade 4		
	70123	70124	70079
Capacity	200 g	400 g	1 kg
Range of Use*1	20 g - 200 g	40 g - 400 g	100 g - 1 kg
Scale Interval	1 g	2 g	5 g
Number of Scales	200		
Tolerance*2	 ① 0 - 50 g ±1 g ② 50 g - 200 g ±2 g	 ① 0 - 100 g ±2 g ② 100 g - 400 g ±4 g	 ① 0 - 250 g ±5 g ② 250 g - 1 kg ±10 g
Dial Face	φ164 mm		
Platform Size	190 × 185 mm		
Platform Thickness	0.5 mm		
Material	Body: Copperplate Platform: Stainless steel Pointer: Aluminum Knob, Front Cover: Polyethylene resin		

	70081	70084	70087
Capacity	2 kg	4 kg	8 kg
Range of Use*1	100 g - 2 kg	200 g - 4 kg	400 g - 8 kg
Scale Interval	5 g	10 g	20 g
Number of Scales	400		
Tolerance*2	 ① 0 - 250 g ±5 g ② 250 g - 1 kg ±10 g ③ 1 kg - 2 kg ±15 g	 ① 0 - 500 g ±10 g ② 500 g - 2 kg ±20 g ③ 2 kg - 4 kg ±30 g	 ① 0 - 1 kg ±20 g ② 1 kg - 4 kg ±40 g ③ 4 kg - 8 kg ±60 g
Dial Face	φ196 mm		
Platform Size	220 × 210 mm		
Platform Thickness	0.5 mm		
Material	Body: Copperplate Platform: Stainless steel Pointer: Aluminum Knob, Front Cover: Polyethylene resin		

	70090	70093	70102
Capacity	12 kg	20 kg	30 kg
Range of Use*1	1 kg - 12 kg	2 kg - 20 kg	2 kg - 30 kg
Scale Interval	50 g	100 g	
Number of Scales	240	200	300
Tolerance*2	 ① 0 - 2.5 kg ±50 g ② 2.5 kg - 10 kg ±100 g ③ 10 kg - 12 kg ±150 g	 ① 0 - 5 kg ±100 g ② 5 kg - 20 kg ±200 g	 ① 0 - 5 kg ±100 g ② 5 kg - 20 kg ±200 g ③ 20 kg - 30 kg ±300 g
Dial Face	φ196 mm		
Platform Size	220 × 210 mm	245 × 230 mm	260 × 245 mm
Platform Thickness	0.5 mm	1.5 mm	
Material	Body: Copperplate Platform: Stainless steel Pointer: Aluminum Knob, Front Cover: Polyethylene resin		

	70101
Capacity	50 kg
Range of Use*1	2 kg - 50 kg
Scale Interval	200 g
Number of Scales	250
Tolerance*2	 ① 0 - 10 kg ±200 g ② 10 kg - 40 kg ±400 g ③ 40 kg - 50 kg ±600 g
Dial Face	φ270 mm
Platform Size	320 × 320 mm
Platform Thickness	2 mm
Material	Body: Copperplate Platform: Stainless steel Pointer: Aluminum Knob, Front Cover: Polyethylene resin

*1 Range of use means the weight range suitable for commercial use.
 *2 Tolerance required by the Japanese Measurement Act, Ordinance of METI (METI: Ministry of Economy, Trade Industry) for commercial use in Japan.