

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

Magnetic Stand



73752



73753

Fine-adjust angle by turning the screw

| Item Code | Description | Weight (g) | JAN Code | Packing Unit | Packing |
|-----------|---------------------|------------|-----------------|--------------|---------|
| 73752 | A Standard | 1,340 | 4 960910 737525 | 1 | |
| 73753 | A-2 Fine adjustment | 1,365 | 4 960910 737532 | 1 | |

Features

- Strong magnet to enable stable measurement

Use

- For holding Dial Gauge/Dial Indicator



Specifications

| | 73752 | 73753 |
|-------------------|---------------------------------------|-------|
| Magnet Base | L58 × W50 × H55 mm | |
| Central Pillar | φ12 × 176 mm | |
| Supportive Pillar | φ10 × 165 mm φ10 × 150 mm | |
| Installation Hole | φ6.0/8.1 mm | |
| Adsorption Force | 600 N (60 kgf) * | |
| Material | Body: Iron Lever, Screw: ABS resin | |

*Please take extra care because adsorption force varies greatly depending on thickness and material of object

Large Inspection Mirror



C-1



75796

75797



C-2

The knob easily fixes the position of the mirror

Features

- Light and durable acrylic resin mirror
- Easy-to-hold elastomer resin grip
- Three-step telescopic function makes it easy to store

Use



For inspection under a car body



For inspection in ceiling



For inspection of machines



For inspection of sewer pipes

Specifications

| | |
|----------|----------------------------------------------------------------------------------------|
| Material | Body: Aluminum, iron, ABS resin, nylon resin, elastomer resin Mirror: Acrylic resin |
|----------|----------------------------------------------------------------------------------------|

| Item Code | Description | Body Size (mm) | Weight (g) | JAN Code | Packing Unit | Packing |
|-----------|-----------------------------|----------------|------------|-----------------|--------------|---------|
| 75796 | C-1 1.2 m Oval 80 x 120 mm | 0.5 - 1.2 | 500 | 4 960910 757967 | 1 | |
| 75797 | C-2 2.5 m Oval 120 x 150 mm | 0.95 - 2.5 | 750 | 4 960910 757974 | 1 | |

Inspection Mirror



| Item Code | Description | Shaft Length (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|---------------------|-------------------|------------|-----------------|--------------|-----------|
| 75758 | A-1 Circle 60 mm | 530 | 53 | 4 960910 757585 | 10 | |
| 75759 | A-2 Circle 36 mm | 600 | 40 | 4 960910 757592 | | |
| 75756 | A-3 Oval 50 x 80 mm | 530 | 56 | 4 960910 757561 | | |
| 75757 | A-4 Oval 25 x 50 mm | 600 | 42 | 4 960910 757578 | | |

Features

- Mirror angle can be easily adjusted
- Telescopic handle gives access to hard-to-see places

Use

- For inspection or observation of car engines, inside and behind machines, etc.



Specifications

| | |
|----------|----------------------------------------------------------|
| Material | Shaft: Brass Mirror Frame: ABS resin Mirror: Glass |
|----------|----------------------------------------------------------|

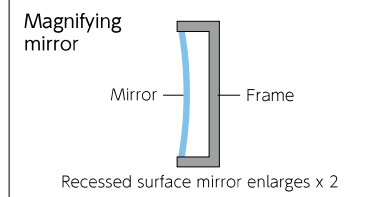
Magnifying Mirror



| Item Code | Description | Shaft Length (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|------------------------|-------------------|------------|-----------------|--------------|-----------|
| 75790 | B-1 Circle 60 mm 2x | 530 | 53 | 4 960910 757905 | 10 | |
| 75791 | B-2 Circle 36 mm 2x | 600 | 40 | 4 960910 757912 | | |
| 75788 | B-3 Oval 50 x 80 mm 2x | 530 | 56 | 4 960910 757882 | | |
| 75789 | B-4 Oval 25 x 50 mm 2x | 600 | 42 | 4 960910 757899 | | |

Features

- Mirror angle can be easily adjusted
- Telescopic handle gives access to hard-to-see places



Use

- For inspection or observation of car engines, inside and behind machines, etc.

Specifications

| | |
|----------|----------------------------------------------------------|
| Material | Shaft: Brass Mirror Frame: ABS resin Mirror: Glass |
|----------|----------------------------------------------------------|

Inspection Mirror with LED Light



| Item Code | Description | Shaft Length (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|---------------------|-------------------|------------|-----------------|--------------|-----------|
| 74155 | D-1 Circle 60 mm | 530 | 70 | 4 960910 741553 | 10 | |
| 74156 | D-2 Circle 36 mm | 530 | 55 | 4 960910 741560 | | |
| 74157 | D-3 Oval 50 x 80 mm | 530 | 73 | 4 960910 741577 | | |
| 74158 | D-4 Oval 25 x 50 mm | 530 | 57 | 4 960910 741584 | | |

Features

- Clear vision even in a dark and tight place
- High brightness LED light shines a light on inspection point by reflecting light in the mirror
- Compact for easy carrying
- Shaft can be extended in seven steps



Folded Approx.
160 mm
D-1



Use

- For inspection or observation of car engines, inside and behind machines, etc.

Specifications

| | |
|--------------|---------------------------------------------------------------------------------------------------------------|
| Material | Shaft: Brass Mirror: Glass, ABS resin Light: ABS resin |
| Power Source | 3x Alkaline batteries LR44 (included) (Batteries included are for trial use only and may not last as long) |
| Luminosity | 30,000 mcd *Varies depending on usage situation |

Inspection Scope **NEW**

Camera head diameter **5.8 mm**
 Sends video **10m**
(Maximum line-of-sight distance)



74172

Camera head diameter **9.0 mm**
 Sends video **10m**
(Maximum line-of-sight distance)



74173

Carry case



*Product is based on Japan domestic radio law (compatible with technical regulation conformity specification.) Cannot be used outside of Japan.

| Item Code | Description | Body Size (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|-------------------------------|-------------------------------|------------|-----------------|--------------|-----------|
| 74172 | A φ 5.8 Wireless 3.5 Inch LCD | 200×105×215 (Excluding cable) | 564 | 4 960910 741720 | 1 | B |
| 74173 | B φ 9 Wireless 3.5 Inch LCD | 200×105×215 (Excluding cable) | 663 | 4 960910 741737 | 1 | B |

Inspection Scope Option **NEW**

Camera head diameter **5.8 mm**



74175

Camera head diameter **9.0 mm**



74176



74178



74179

| Item Code | Description | Body Size (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|-------------------------|----------------|------------|-----------------|--------------|-----------|
| 74175 | Camera head φ 5.8 x 1 m | φ19×1,000 | 92 | 4 960910 741751 | 1 | B |
| 74176 | Camera head φ 9 x 1 m | φ19×1,000 | 191 | 4 960910 741768 | 1 | B |
| 74178 | Extension Cable 2 m | φ19×2,060 | 550 | 4 960910 741782 | 1 | B |
| 74179 | Extension Cable 5 m | φ19×5,060 | 1,360 | 4 960910 741799 | 1 | B |

Features

- For inspection/checking in places that are narrow or difficult to see

Use

- Video can be sent to the monitor wirelessly for viewing close at hand



- Videos and still images can be saved to a MicroSD card (sold separately) and transferred to a computer, etc.



- Features a zoom function that can magnify at 5 levels, actual size, 1.5x, 2x, 2.5x, and 3x
- Cable can be bent freely and inserted into the inspection area regardless of how it is bent
- Features a high-brightness LED light with the ability to variably adjust illuminance using the switch at hand
- 74173 comes with tip tools that can be used for various purposes, such as attaching a hook or magnet to pick up fallen objects, or checking reverse sides with a side view mirror

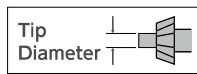


Specifications

| | 74172 | 74173 |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Camera Head Diameter | 5.8 mm | 9 mm |
| Cable System | Inter-lock model | |
| Cable Diameter | 4.8 mm | 7.5 mm |
| Cable Length | 1 m | |
| Lens Focal Distance | 30 - 80 mm | 80 - 150 mm |
| Lens Viewing Angle | 40° | 43° |
| Wireless Transmission Function | Transmission Frequency: 2468 MHz Bandwidth: 18 MHz Communication Range: Maximum of 10 m (Line-of-sight distance*) | |
| Zoom Function | 1x, 1.5x, 2x, 2.5x, 3x | |
| Record Function | Still image, movie | |
| Video Output Format | NTSC*2 | |
| Recording Memory | MicroSD card up to 32 GB (sold separately) | |
| Illumination | High-brightness White LED (light amount can be variably adjusted) | |
| Camera Resolution | 640 X 480 pixel*3 | |
| Monitor | 3.5 inch (Color LCD), 320 X 240 pixel definition*4 | |
| Interface | AV output (NTSC), USB output (Recorded video, still image playback) | |
| Dustproof/Waterproof | Camera head to cable: IP67*5 Main body: Not dustproof/waterproof | |
| Operating Temperature | 0 - 40°C | |
| Operating Humidity | 15 - 85% (No condensing) | |
| Power Source (Main Unit) | 4X AA Alkaline batteries (sold separately) | |
| LED Continuous Lighting Time | About 2 hours | |
| Power Source (Monitor) | DC rechargeable (time required for full charge: about 4 hours) | |
| Tip Tool | Unsupported | Hook, Magnet, Side view mirror |
| Material | Handle/Monitor: ABS resin, elastomer resin Camera Cable: Stainless steel, glass | |

*1 This is the maximum distance for communication in an unobstructed environment where there is a straight line between the main unit and the LCD monitor. *2 An abbreviation for the video signal standard named after the National Television System Committee. *3 Resolution density of the camera itself. *4 Number of pixels on the display. *5 Dustproof/Waterproof Performance: Dustproof performance 6: Dust will not penetrate. Waterproof performance 7: Even if temporarily (within 30 minutes) submerged at a constant water depth (within 1 m), water will not enter inside.

Chuck Wrench



| Item Code | Description | Handle Length (mm) | Head Diameter (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|-------------|--------------------|--------------------|------------|-----------------|--------------|-----------|
| 78582 | A 3 mm | 60 | 6 | 17 | 4 960910 785823 | 10 | |
| 78596 | A-2 3 mm | 32 | 6 | 18 | 4 960910 785960 | 10 | |
| 78584 | B 5 mm | 65 | 4 | 36 | 4 960910 785847 | 10 | |
| 78587 | C 6.5 mm | 75 | 5.5 | 46 | 4 960910 785878 | 10 | |
| 78590 | D 10 mm | 90 | 6.5 | 62 | 4 960910 785908 | 10 | |
| 78593 | E 13 mm | 110 | 8 | 83 | 4 960910 785939 | 10 | |

Features

- Choose from a variety of types for each model

Use

- For opening and closing the chuck of an electric drill



Please securely tighten the drill chuck with the correct chuck wrench before using electric drill

Specifications

| | 78582 | 78596 | 78584 | 78587 | 78590 | 78593 |
|------------------|--------------------|-------|------------------|-------------------|------------------|------------------|
| Drill Chuck Size | 3 mm for hobby use | 3 mm | 0-3/16 inch 5 mm | 0-1/4 inch 6.5 mm | 0-3/8 inch 10 mm | 0-1/2 inch 13 mm |
| Material | Iron | | | | | |

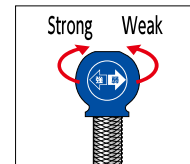
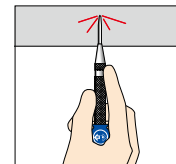
Auto Punch



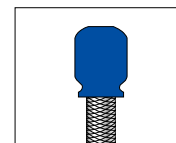
| Item Code | Description | Body Size (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|-------------------------------------|----------------|------------|-----------------|--------------|-----------|
| 77317 | M with Flat Grip to Prevent Rolling | 130×30×24 | 80 | 4 960910 773172 | 10 | |
| 77318 | L with Flat Grip to Prevent Rolling | 155×35×28 | 150 | 4 960910 773189 | 5 | |
| 77259 | M | 133×30×30 | 80 | 4 960910 772595 | 10 | |
| 77258 | L | 160×35×35 | 181 | 4 960910 772588 | 5 | |

Features

- Easily marks a surface by pushing it down with one hand
- Accurately punches even on ceiling because no hammer is needed
- Head turns to adjust punching pressure
- Durable superhard chip on the tip



- Flat grip faces to prevent rolling over (77317/77318)



Use

- For marking steel metals, aluminum, or other materials that are not hardened

Specifications

| | |
|----------|-------------------------------------------------------|
| Material | Body: Brass Tip: Superhard chip Grip: ABS resin |
|----------|-------------------------------------------------------|

Deburring Tool



78665



78666

Features

- Compatible with three kinds of high-speed steel replacement blades for plastic, aluminum, brass, cast metal, and steel, etc.

Use

- For chamfering and deburring of metal parts

Specifications

| | |
|----------|-----------------------------------------|
| Material | Body: Plastic Edge: High-speed steel |
|----------|-----------------------------------------|

| Item Code | Description | Body Size (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|-------------------------------------------|----------------|------------|----------|--------------|-----------|
| 78665 | with Replacement Blade for S-10/S-20/S-35 | 147×23×23 | 36 | | 3 | |
| 78666 | Replacement Blade 2pc-pack for S-10 | 48×12×3 | 2 | | 10 | |

Suction Lifter

Max
25
kg



74481

Max
25
kg



74482

Max
70
kg



74483

Max
25
kg



74484

Features

- Convenient for transportation of items without handles

Use

- For transportation of refrigerators, furniture, and glass panels, etc.



74481



74482



74483



74484

| Item Code | Description | Body Size (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|--------------------|----------------|------------|----------|--------------|-----------|
| 74481 | Single A | 123×123×104 | 472 | | 6 | |
| 74482 | Single B | 213×156×74 | 780 | | 4 | |
| 74483 | Double A | 390×115×70 | 984 | | 4 | |
| 74484 | Double B One-touch | 244×100×125 | 735 | | 4 | |

Specifications

| | 74481 | 74482 | 74483 | 74484 |
|----------------------|--------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------|-------|
| Adsorption Force* | 25 kg | 70 kg | 25 kg | |
| Material | Body: Aluminum Lever: Aluminum Adsorption Face: Rubber | Body: Aluminum Lever: Plastic Adsorption Face: Rubber | Body: Aluminum Lever: Iron Adsorption Face: Rubber | |
| Adsorption Face Size | φ123 mm | φ115 mm | φ100 mm | |

*Indicated adsorption force is based on use for mirror surfaces.

Digital Counter



73310

| Item Code | Description | Body Size (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|-----------------|----------------|------------|-----------------|--------------|-----------|
| 73310 | Digital Counter | 63×52×35 | 50 | 4 960910 733107 | 6 | |

Features

- Easy-to-hold
- Easy-to-read large numbers
- Measures from -9,999 to 99,999
- Switch to multiple functions by pushing a button



Count-down Button Count-up Button

Use

- For counting the number of visitors, vehicles, bird-watching, etc.

Specifications

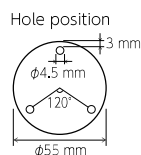
| | |
|-------------------|---------------------------------------------------------------------------------------------------------------|
| Measurement Range | -9,999 - 99,999 |
| Material | Body: ABS resin, AS resin, silicone, polyacetal resin, stainless steel |
| Power Source | 2x Alkaline batteries LR44 (included) (Batteries included are for trial use only and may not last as long) |
| Auto Power Off | 30 seconds |

*"FULL" sign will be displayed if it counts over 99,999.
 *"-FULL" sign will be displayed if it counts below -9,999.

Counter



75078



75086



75090



75089

| Item Code | Description | Body Size (mm) | Weight (g) | JAN Code | Packing Unit | Packaging |
|-----------|-----------------------------|----------------|------------|-----------------|--------------|-----------|
| 75078 | A Metallic Model with Stand | 62×56×56 | 93 | 4 960910 750784 | 5 | |
| 75086 | B Metallic Model | 50×40×53 | 67 | 4 960910 750869 | | |
| 75090 | C Blue Plastic Model | 50×41×54 | 34 | 4 960910 750906 | | |
| 75089 | C Yellow Plastic Model | 50×41×54 | 34 | 4 960910 750890 | | |

Features

- Counts numbers simply by pushing the button
- Model A is used screwed onto a mount

Use

- For counting the number of visitors, vehicles, bird-watching, etc.



Specifications

| | 75078 | 75086 | 75090 | 75089 |
|-------------------|---------------------------------------|-------|--------------------------------------------|-------|
| Measurement Range | 0 - 9,999 | | | |
| Material | Body: Iron Others: Synthetic resin | | Body: ABS resin Others: Synthetic resin | |