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## Digital Microscopes

### MICROSCOPE

Order No.	Model No.	Specification	Magnification ratio	JPY	Ref.No
1-3712-21	SKM-S20C-PC	PC connection ready	10x ~ 50x	¥ 99,000	065180
1-3712-23	SKM-S30C-PC		15x ~ 180x	¥ 198,000	065180
1-3712-11	SKS-LXY-C	Rack pinion XY stage (with rotation function)	φ100×45mm	¥ 49,000	065180
1-3712-12	SKL-P01	Prism for side view observation	32×10×10mm	¥ 15,000	065180

※ SKS-LXY-C cannot be installed to SKM-S20C-PC.

#### ■ Specification

Model No.	SKM-S20C-PC	SKM-S30C-PC
Image sensor	1/3 inch CMOS image sensor Primary color RGB filter	
Definition	1280 × 1024 pixels (1.3 million pixels)	
Light source	Ultra-high brightness LED (light quantity adjustable), lens extending system · continuously variable magnification ratio	
Interface	USB2.0	
Applicable OS	Windows®7/8 (32bit · 64bit)	
Power Supply	Supplied from the USB	
Dimensions	395 × 230 × 165mm	265 × 435 × 195mm
Accessories	Simple stand with focusing function (coarse adjustment) · vinyl cover · image display storage software	Light source diffusing filter · standard stand with focusing function (coarse adjustment) · vinyl cover · image display storage software



#### ■ Feature

- Allows user to observe/save magnified images easily using PC.

### DIGITAL MICROSCOPE

JP

Order No.	Model No.	Specification	Dimensions (mm)	JPY	Ref.No
1-2192-01	DMS-1300106	BodySet	140×185 × 360	¥ 290,000	065180
1-2192-11	AXY-52	Simple Standard XY Stage	100×100 × 45	¥ 50,000	065180
1-2192-12	AXY-55	Flat Type XY Stage (Scale Provided)	113×131.5 × 66.5	¥ 55,000	065180

#### ■ Feature

- Enlarged image can be displayed and saved in PC with USB connection.
- With stand, can observe while camera is fixed.
- Adjust light of LED ring lighting by PC.

#### ■ Specification

- Magnification : 60~360× (14" monitor) ● Mount : C Mount
- Image Sensor : 1/3" CMOS Color
- Number of Effective Pixels : 1.3 million pixels
- Lighting : White LED × 24 pieces ● Interface : USB2.0
- Applicable OS : Windows®XP/Vista®/7/8
- Power Supply : Camera / USB (1.8m cable included), Lighting / USB (1.5m cable included) or AC Conversion Adapter (included)

#### ■ Set Contents

- Zoom Lens ● USB Camera ● LED Ring Lighting ● Dimming Controller
- Stand ● Dedicated Soft (CD-ROM) ● AC Conversion Adapter



### DIGITAL MICROSCOPE

Order No.	Model No.	Total magnification	JPY	Ref.No
3-5532-01	HDS-5800 (standard zoom)	25 ~ 200× (zoom lens tube)	¥ 3,680,000	065108
3-5532-02	HDS-5800 (high magnification zoom)	50 ~ 5800× (zoom lens tube with revolver)	¥ 3,890,000	065108

#### ■ Feature

- Automatically generates simple 3D images and 2D images and allows observation by focus image synthesis function.
- Allows measurement of work height differences by means of auto focus function.
- Provided with a reporting function that stores images and measurement results in the Excel format.

#### ■ Specification

- Real Field of View : Standard Zoom / 20.27~2.57mm, High Magnification Zoom / 12.375~0.085mm ● Working distance: Standard zoom / 36mm, High magnification zoom / 10mm (3mm only for 100x object lens)
- Camera imaging element: 1/1.8 inches (2 million pixel CCD sensor: imaging area 8.5×6.8mm) ● Camera resolution: 1600×1200
- Frame rate: 20fps ● Electronic shutter: Automatic/manual (4 to 1/20,000)
- Display size: 21.5 inches ● Storing system: Image / BMP · JPEG · PNG · TIFF, Video / AVI (Microsoft Video1) ● Stand: Standard zoom / 320 × 633 × 438mm (tilt stand), high magnification zoom / 273 × 467 × 445mm (straight stand)
- XY axis stage movement amount: Manual 100 × 100mm
- Z axis movement amount: Manual (both upper and lower) 50mm · Automatic 30mm

