

OSC 92TM230 Digital Microscope

<Features>

- High resolution of 2.3M Pixel

Wide usage from site observation up to R&D purpose
2.3M Pixel CCD high resolution image, analysis accuracy improved.

- Scale display, magnification display

Scale and magnification displayed on monitor screen.
Guidance of the size and photographing scale for better management of image data

- Touch and view

Easily photographed by touching lens to the object.
Suitable for the objects of which is impossible to disassemble or cut

- Recording data in CF card

Recorded data are transferred to PC or printer by CF card.
File is compliance with JPEG.

- Group observation by external monitor

Connecting to external monitor via video output terminal, image under observation can be observed by multiple number of people simultaneously.

- Easy focusing by focus zoom and focus indicator

Before pressing shutter, zooming up object temporarily is useful to confirm focusing easily and accurately.
Focus indicator displays guidance of adjusted status.



<Specifications>

MODEL	OSC 92TM230	
Capture element	1/1.75inch interlace scan CCD (aspect ratio 3:2, square pixel RGB primary color filter)	
Picture cell	Total pixel approx. 2.3M Pixel (1901x1212) Effective pixel approx. 2.19M pixel (1816x1208)	
Shutter speed	1/45~4 sec	
Recording media	CF Memory card	NORM card : 1792x1184 pixel approx. 500KB
		FINE mode : 1792x1184 pixel approx. 900KB
		ZOOM mode : 896 x 596 pixel approx. 500 KB
Recordable number of pictures for CF memory card	NORM card : approx. 638 pictures with 256MB	
	FINE mode : approx. 283 pictures with 256MB	
	ZOOM mode : approx. 638 pictures with 256MB	
Monitor	3.5inch 2.3M Pixel TFT LCD (dot 960x240)	
Video system	NTSC	
Video output	3.5φMonaural mini jack (LCD Monitor side)	
REMOTE terminal	2.5φstereo mini jack (co-use with ext. strobe synchronous)	
DC IN terminal	DC jack EIAJ standard TYPE 2 (center plus)	
Lamp switch	Switching Lamp A and B selectable (when function illumination lens unit is used)	
Output voltage	5V max. output current 250mA	
Input voltage	DC6.0V±5% 1A When battery operation 6.0V~7.2V±5%	
power consumption	approx. 6W when main unit only is driven	
Battery working time	Continuous monitor 1~1.5H (depends on the situation)	
	Continuous record 1H (depends on the situation)	
Weight	Approx. 370g (main only) approx. 490 g (with battery, CF card)	
Dimensions	98 x 201.5 x 68 mm	