



Specifications

- Viewing head: Seidentopf trinocular viewing head inclined at 30°, interpupillary 48-75mm, 360° rotation, with dioptic adjustment on left eyepiece
- Eyepiece: A pair of WF10x/18mm eyepiece, high eyepoint, secured by screw
- Nosepiece: Reversed quadruple ball bearings revolving nosepiece
- Objectives: All with anti-fungus treatment.
 Achromatic objective 4x/0.10, W.D.: 18mm
 Achromatic objective 10x/0.25, W.D.: 7mm
 Achromatic objective 40x/0.65, spring loaded, W.D.: 0.53mm
 Achromatic objective 100x/1.25, spring loaded, oil, W.D.: 0.13mm
- Magnification: Total magnification 40X to 1000X
- Stage: Double layer mechanical stage, with size: 125x130mm, 70x50mm X-Y movement range. Vernier scale on the two axes, accuracy: 0.1mm
- Focusing: Integrated design, coaxial focus system with upper limited and tension adjustment, coarse traveling range: 21mm, fine precision: 0.002mm
- Condenser: Abbe N.A. 1.25 condenser with iris diaphragm & filter holder
- Illumination: High brightness white 1W LED illumination, long lifespan, brightness adjustable, color temperature: 6,300K
- Power: Multi-plug, 100-240V, 50/60Hz
- Others: Dust cover, filter, slim and easy to carry
 0.5X C mount adapter for digital camera
 DP1 tablet, 5MP, max. solution: 2048x1536, pixel size: 2.2x2.2μm, support video recording, video format *.3gp, 1080p, image format: *.jpg, white balance: automatic, manual; exposure control: automatic, manual, sensitivity, 0.53mV/lux-sec@550nm
 LCD screen 9.4 inch, color, sensor; built-in memory: 4GB; frame rate: 15fps; Android 5.1 OS, output: TF memory card slot, 2xUSB2.0, Wifi, microHDMI, power supply: DC12V/2A, via AC adapter; with image process software
 Ability to connect additional equipment: support of microSD cards with capacity up to 32Gb; monitor/TV (with HDMI port); a flash drive, a mouse, a keyboard (with a USB connector); headphones (3.5mm)

Optional Accessories

Cat. Number	Descriptions
M11EY20001	Binocular head
M11EY20002	Trinocular head
M11EY20003	WF10x/18mm eyepiece
M11EY20004	WF10x/18mm eyepiece, with micrometric
M11EY20005	WF10x/18mm eyepiece, with pointer
M11EY20006	WF10x/20mm eyepiece
M11EY20007	WF10x/20mm eyepiece, with micrometric
M11EY20008	WF10x/20mm eyepiece, with pointer
M11EY20009	WF16x/11mm eyepiece
M11EY20010	WF20x/10mm eyepiece
M11EY20011	WF25x/9mm eyepiece
M11EY20012	Quadruple nosepiece
M11EY20013	Achromatic objective 4x/0.10
M11EY20014	Achromatic objective 10x/0.25
M11EY20015	Achromatic objective 20x/0.40
M11EY20016	Achromatic objective 40x/0.65, spring loaded
M11EY20017	Achromatic objective 60x/0.85, spring loaded
M11EY20018	Achromatic objective 100x/1.25, spring loaded, oil
M11EY20019	Semi-plan achromatic objective 4x/0.10
M11EY20020	Semi-plan achromatic objective 10x/0.25
M11EY20021	Semi-plan achromatic objective 20x/0.40
M11EY20022	Semi-plan achromatic objective 40x/0.65, spring loaded
M11EY20023	Semi-plan achromatic objective 60x/0.85, spring loaded
M11EY20024	Semi-plan achromatic objective 100x/1.25, spring loaded, oil
M11EY20025	Plan achromatic objective 4x/0.10
M11EY20026	Plan achromatic objective 10x/0.25

Cat. Number	Descriptions
M11EY20027	Plan achromatic objective 20x/0.40
M11EY20028	Plan achromatic objective 40x/0.65, spring loaded
M11EY20029	Plan achromatic objective 60x/0.80, spring loaded
M11EY20030	Plan achromatic objective 100x/1.25, spring loaded, oil
M11EY20031	Plan darkfield objective 100x with iris diaphragm for oil dark field condenser
M11EY20032	Plan phase contrast achromatic objective 10x/0.25
M11EY20033	Plan phase contrast achromatic objective 20x/0.40
M11EY20034	Plan phase contrast achromatic objective 40x/0.65
M11EY20035	Plan phase contrast achromatic objective 100x/1.25
M11EY20036	NA 1.25 Abbe Condenser with Iris Diaphragm
M11EY20037	Dark field condenser (dry)
M11EY20038	Dark field condenser (oil)
M11EY20039	Simple Polarising set
M11EY20040	Turret phase contrast set, including turret phase contrast condenser, plan phase contrast objectives 4x, 20x, 40x & 100x, with centering telescope & green filter
M11EY20041	0.5x C-Mount lens for digital camera
M11EY20042	1x C-Mount lens for digital camera
M11EY20043	Rechargeable device
DWTA001	9.5" LCD Attachment with integrated display camera, with IMX307, 1/2.8" sensor, 2.9x2.9um, 2m Mega pixel, CMOS chip, 1x USB2.0 port for connecting USB flash drive/mouse, 1x USB2.0 port for connecting mouse, 1x USB2.0 port for connecting to computer, 1x HDMI port to connecting screen monitor, Image: 1920x1080@60FPS, Video: 1920x1080@30FPS, built-in with image software
DITA001	DP1 tablet with 10.5" touchscreen, integrated with 4K BAP camera, 1/2" sensor, 2.9x2.9um, CMOS chip, with 1x HDMI port, 2x USB3.0 ports, 1x USB2.0 port, 1x Gigabit Lan port, 2.4GHz/5GHz dual-band WiFi, support WiFi6, Support Bluetooth 5.0, Image: 3080x2160, support 1080 video, with Android OS system, built-in image process software
***	Various digital camera optional (please refer to ICOE digital camera brochure)