



Tools for
Advancing
Innovation



LED Ring Light
20,000 Hours
High-Output
LED Illumination

**10x-44x
Magnification**
**10x
Eyepieces**

**Dual Arm
Boom
Stand**
Smooth
Movement
And Excellent
Stability

**Large
Working
Distance**
**Wide Field
of View**

DSZ-44

Stereo Zoom Microscope

W/ Dual Arm Boom Stand and Integrated Ring Light

Aven's DSZ-44 stereo zoom microscope provides crisp clear 3D images, long working distance and a wide field of view. 10x to 44x continuous zoom with 10x eyepieces.

Includes Aven's Double Arm Boom Stand with an integrated table clamp. The 22.4" horizontal arm easily glides to the required position. Comes complete with Aven's E-Arm focus mount with an integrated LED ring light and LED adjustment controller.

DSZ-44 Stereo Zoom Microscope

- Zoom ratio: 4.4:1
- Magnification range: 10x to 44x
- Field of view 23mm to 5.2mm (0.90"; to 0.20");
- Working distance: 90mm
- Wide Field 10x Eyepieces (Field Number 23)

E-Arm Focus Mount with LED Ring Light

- E-Arm compatible with boom stands and articulating arm stands
- 60 Integrated LED ring light with dimmer control
- Minimum 20,000 hours of high-output LED illumination
- Fits Aven's binocular and trinocular microscopes
- Low power consumption

Dual Arm boom Stand with Table Clamp

- Table clamp provides excellent stability
- Allows positioning of microscopes over large area
- Heavy duty all metal construction for durability
- Posts are highly polished for smooth operation
- Table clamp securely attaches to your work surface and saves table space

DSZ-44 Stereo Zoom Microscope W/ Ring Light And Dual Arm Boom Stand	
Item Number	DSZ44-209-536
Magnification	10x-44x
Zoom Ratio	7.46:1
Body	Binocular
Illumination	LED Ring Light
Working Distance	108mm 4.3in
Eye Pieces	10x wide field (FN:23)
Package Contents	Stereo Zoom Microscope E-Arm Focus Mount with LED Ring Light Dual Arm Boom Stand with Table Clamp



DSZ-44 Gemscope

Features:

- Carton DSZ-44 with stand SCW-JV
- Independently controllable fluorescent front light
- Dimmable halogen transmitted and pipe light with separate controls
- 2 post positioning(right and left of iris) for the adjustable gem tweezer
- Adjustable iris and light shutter in the iris
- Stand can be inclined from 0-10°



Adjustable Iris

Part #	Description
26800B-386	DSZ-44 Gemscope

DSZ-44 GEMSCOPE	
MAGNIFICATION	10x to 44x (field of view : 20mm to 4.5 mm)
OBJECTIVE LENSES	1.0x to 4.4x (zoom ratio : 4.4:1)
EYEPIECES	Wide Field 10x (DSW10x F.N.20)(field number : 20)
OPTICAL BODY	360° rotatable binocular, 45° inclined eyepiece tube
WORKING DISTANCE	90mm
INTERPUPILLARY DISTANCE	52mm to 75mm
DIOPTR ADJUSTMENT	± 5.6D - 7.2D on both eyepiece tubes & ± 8D on vertical tube
FRONT LIGHT	Fluorescent Lamp 9 W S/E 860 6500 K
TRANSMITTED LIGHT	Halogen lamp 12V 20-25W w/dimmer Single Light Guide (Halogen)
FUSE	250V 2A
STAGE PLATE	Dark-field 42mm
BASE	180mm x 265mm
POWER CORD	VDE cord
ELECTRICAL RATING	110-220V 50Hz/60Hz
STAND ADJUSTMENT	0-10°
HEIGHT	400mm
WEIGHT	5.77 Kg
COLOR	White
ACCESSORIES	Rubber eyeguards, Tension control pin, Dust cover, Spare fuse, Tweezer type III