

# Z10 ZOOM STEREO MICROSCOPE SERIES

## QUICK REFERENCE GUIDE

The UNITRON Z10 Series is a modular system designed to deliver exceptional ergonomic and optical performance. Choose from our pre-configured models, or choose the components to build the ideal solution for your applications and needs. The Z10 Series is an exceptional choice for medical device manufacturer's, industrial inspection and assembly, quality control, OEM integration and research applications.

### Viewing Heads



20° Inclined  
Binocular Head  
#111-11-02



Ergonomic 0-35° Tilting  
Binocular Head  
111-11-03

#### Viewing Heads

Item#	Description
111-11-02.....	Inclined Binocular
111-11-03.....	Ergonomic Binocular

### Eyepieces



WF10x/24mm FOV  
#111-10-10



WF15x/16mm FOV  
#131-10-15



WF20x/12.5mm FOV  
#131-10-20

#### Eyepieces

Item#	Description
111-10-10.....	10x/24mm Eyepiece
131-10-15.....	15x/16mm Eyepiece
131-10-20.....	20x/12.5mm Eyepiece

### Optical Bodies/Magnification Changers



6:1 Zoom Ratio  
0.8x to 5.0x  
#111-14-03



8:1 Zoom Ratio  
0.8x to 6.4x  
#111-14-02



10:1 Zoom Ratio  
0.8x to 8x  
#111-14-01

#### Optical Bodies

Item#	Description
111-14-03.....	6:1 Optical Body
111-14-02.....	8:1 Optical Body
111-14-01.....	10:1 Optical Body

### Objectives



0.3x/WD 280mm  
Achromat  
#111-15-03



0.5x/WD 126mm  
Plan Apochromatic  
#111-15-05



0.5x/WD 186mm  
Achromat  
#111-15-05A



1.0x/WD 78mm  
Plan Achromat  
#111-15-01



2.0x/WD 32.5mm  
Plan Achromat  
#111-15-02

#### Auxiliary Objectives

Item#	Description
111-15-03.....	0.3x achromat
111-15-05.....	0.5x plan apochromatic
111-15-05A.....	0.5x achromat
111-15-01.....	1.0x plan achromat
111-15-02.....	2.0x plan achromat

## Camera & Video Adapters



Beam Splitter  
100:0 / 80:20  
#111-16-01



Dual Port Beam Splitter  
100:0 / 80:20 / 80:20  
#111-16-05



Photo Tube  
#111-25-00



1.0x C-mount  
Adapter  
#111-25-01



0.5x C-mount  
Adapter  
#111-25-05



0.30x C-mount  
Adapter  
#5046



0.70x C-mount  
Adapter  
#5063



0.5x C-mount  
Adapter  
#5038



0.67x C-mount  
Adapter  
#5041

### Camera & Video Adapters

Item#	Description
111-16-01	Beam Splitter <i>(includes photo tube)</i>
111-16-05	Dual Port Beam Splitter <i>(includes photo tube)</i>
111-25-00	Photo Tube
111-25-01	1.0x C-mount Adapter <i>(no lens)</i>
111-25-05	0.5x C-mount Adapter <i>(Use with 1/2" CCD/CMOS)</i>
5046	0.30x C-mount Adapter <i>(Use with 1/3" CCD/CMOS)</i>
5063	0.70x C-mount Adapter <i>(Use with 2/3" CCD/CMOS)</i>
5038	0.5x C-mount Adapter <i>(High resolution-use in photo tube)</i>
5041	0.67x C-mount Adapter <i>(High resolution-use in photo tube)</i>

## Accessories



Iris Diaphragm  
#111-17-01



Coaxial Episcopic Illuminator Port  
w/1/4 Wave Plate  
#111-40-00



Polarizer/Analyzer  
#111-30-15

### Accessories

Item#	Description
111-17-01	Iris Diaphragm
111-40-00	Coaxial Episcopic Illuminator Port
111-30-15	Polarizer/Analyzer

## Sample Configurations



Z10 With Ergonomic Viewing  
Head on a Plain Stand



Z10 With Ergonomic Viewing  
Head on an Coaxial LED  
Stand With Digital Camera



Z10 With Binocular Viewing Head  
on a Ball Bearing Boom Stand  
and an LED Ring Light

**With the Z10 Series  
you choose  
the components  
that fit your needs  
to create a true  
customized system!**

Creating new configurations  
as your needs change is simple  
with the Z10 Series -- there's no need  
to replace the whole microscope!

For more information or to see  
other configurations, refer to our  
full brochure, visit our website at:

**[www.unitronusa.com](http://www.unitronusa.com)**

or call us at  
**631-543-2000**