

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

or call us at
631-543-2000