PACETECHNOLOGIES

ZMS0745T Stereo Metallurgical Microscope

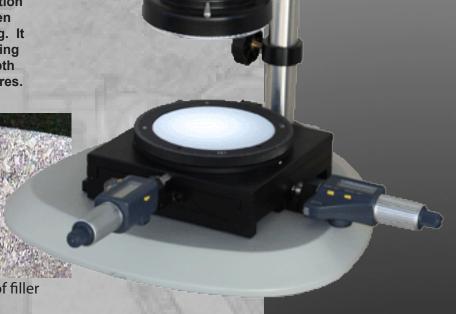
Applications:

- -Metals
- -Semiconductors
- -Glass
- -Ceramics
- -Minerals
- -Composites
- -Soft Metals
- -Plastics
- -Refractory Metals
- -General metals

ZMS0745T Metallurgical Stereo Microscope

The ZMS0745T trinocular stereo microscope has an optical design for enhancing reproduction and true color imaging of the image.

The ZMS0745T stereo microscope has a magnification range of 7X to approximately 45X and is ideal for low magnification documentation of the metallographic specimen prior to polishing and grinding. It is also very useful for measuring cracks, weld penentration depth and other topographical features.



mshOt

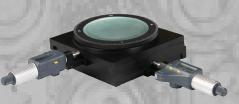
Stereo microscope image of filler metal in a steel weld

Technical Specifications:

Feature	Specification
Total magnification	7X ~ 45X
Eyepieces (standard)	SWH10X
Zoom objective magnification	0.7X ~ 4.5X
Working distance	4.6" (118 mm)
Trinocular eyetubes	Inclined 45 degrees from main body (360 degree rotation)
Diopter adjustment	+/- 6 degrees
Interpupillary adjustment	2"~3" (52 ~ 76 mm)
Focus range	100 mm (50 mm post)
Stage size	3" (76 mm)
Distance from post to center of focus	5" (125 mm)



PACE Technologies 3601 E. 34th St Tucson, AZ 85713 USA Phone +1 520-882-6598 FAX +1 520-882-6599 www.metallographic.com email pace@metallographic.com



Stage with digital X-Y micrometers

Accessories

Description	Specification	Part Number
Eyepieces	SWH10X/23mm eyepiece	416-111
	SWH15X/17mm eyepiece	416-121
	SWH20X/14mm eyepiece	416-131
Eyepieces	SWH10XD/23mm eyepiece with divisions	416-211
(with Divisions)	SWH15XD/17mm eyepiece with divisions	416-221
	SWH20XD/14mm eyepiece with divisions	416-231
Digital Camera	Camera Adapter 0.5X	417-121
Adapter	Camera Adapter 1X	417-101
USB CMOS Camera	3.2 MP	MD30
Light sources	4-Division LED Light source	413-136
	Fiber optic light source (150 W)	413-227
Stage	Mechanical stage with digital X-Y micrometer	419-162



CCD camera micrometer adapter





Fiber Optic Illuminator)

