



The **Microscope Replacement System** has a convenient “heads up” display allowing for ergonomic work stations and multiple viewers. This greatly facilitates training and dispositioning. Custom reticles or overlay templates can be applied to the display for quick measurements. 3X digital zoom simulates microscope functionality.

Specifications

- Color or monochrome camera: 1600x1200px
- Color LCD display
- Fixed magnification lens assembly. No wear parts or uncertainty of magnification
- Fixed aperture. No wear parts or operator error
- Minimal software
 - Digital zoom function
 - Reticle generation
- Touch screen or mouse click for magnification change
- Adjustable “Z” position for focus only
- Weight: 50lbs
- 100-240VAC, 1200W, 47-63Hz

Ordering Information

1 2 3 4 5 6

Example: MRS M T10 090 FLR BLR

1. Series

MRS Microscope Replacement System

4. FOV

065 6.48 x 4.88mm
090 9.02 x 6.79mm
214 21.39 x 16.11mm

2. Camera

M Monochrome, 1600x1200
C Color, 1600x1200

5. Front Light

NON None
FLR Red, 660nm
FLB Blue, 525nm
FLG Green, 470nm
FLW White

3. Monitor

T10 10.4" Touch Monitor
T17 17" Touch Monitor

6. Back Light

NON None
BLR Red, 660nm
BLB Blue, 525nm
BLG Green, 470nm
BLW White

Many other options are available:

- Lens – affects field of view, accuracy, working distance
- Monitor – affects system magnification
- Camera – affects system magnification and resolution
- Overlay – Custom reticles or go/no go layouts. Send us your DXF.
- Recall multiple overlays from a network location
- Fixed zoom or on screen slider
- Modified camera position, perhaps sideways or other
- Lighting – backlight, front light, various color enhancements, collimating

Please contact TCA with your request. We'd love to hear from you.