

PENTERO PREVENTATIVE MAINTENANCE

OPTICAL:

- Clean Eyepieces
- Clean Binoculars
- Clean Zoom\Mag Changer
- Clean Objective Lens
- Inspect Rubber Eye Cups
- Clean Observer Scope
- Confirm smooth motion of Binocular Tube
- Lubricate Zoom\Mag
- Clean Fiber Optic Prisms
- Check Electric\Manual Head Function
- Check proper alignment of Illumination System, view center, and data injection display

MECHANICAL\ELECTRICAL

- Lubricate Focus Slide
- Test Autofocus Function
- Test Autobalance Function
- Inspect Fiber Optic Cable
- Inspect Line Voltage Cable
- Clean Illumination System
- Check Pistons\Springs
- Check Flex Arm Locks
- Check Main Power Supply
- Check Back-up Power Supply (UPS)
- Check Hand Control Functions
- Recalibration of microscope and arms
- Inspect Suspension Arm
- Check Rotational Brakes
- Inspect Floor Brakes & Magnetic Brakes
- Check Wiring Harness
- Verify operation of Axes
- Clean Foot Pedal
- Inspect Foot Pedal
- Wipe Down Entire Stand
- Check Casters, Transport Locks and Stand Base
- Inspect Power of Laser Diodes

SOFTWARE:

- Reset Service Interval
- Check System UPS Battery\Bios
- Check Xenon Lamp Hours (Primary\Secondary)
- Touch Screen Calibration
- Document System Safety Check in accordance with applicable National Regulations
- Examine Navigation Interface

CUSTOMER / DATE

TECHNICIAN / DATE