

Hitech Instruments Annual Maintenance and Cleaning Program

- Disassembly of each instrument by components
 - Removal of eyepieces, head, objectives, condenser, filter, etc.
- Thorough external cleaning of stand and all components
- Cleaning of all optical glass surfaces
- Inspection and cleaning of internal mirrors and prisms if needed
- Inspection of electrical system
- Check for correct lamp and correct lamp installation
- Test mechanical function of all moving parts
 - Removal of old greases and relubrication with proper lubricants if required
- Reassembly of instrument
- Test optical and mechanical function of reassembled instrument
 - Align condenser
 - Align all contrasting techniques (phase contrast, fluorescence, polarized light, etc)
 - Align all lamps
 - Adjust and optimize settings
- Check and adjust for par-focality and par-centricity
- Check for and correct double image or provide quote if more extensive repair is required
- Provide service label with date of service on each instrument
- Provide detailed service report with service performed and any recommendations