

Rigid Endoscope Repairs

Mobile Instrument Service & Repair
offers repair services for ALL
Rigid Endoscopes



See reverse for
our repair levels



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Repair Level 1:

- Thorough diagnostic testing and exterior cleaning
- Comprehensive leak and shock testing
- Diamond polishing of distal window and or eyepiece window
- Fiber optic connection/post, re-bonding and polishing
- Completely disassemble and clean entire optical system
- Opening and testing of interior optical system, including ocular lens system
- Functional testing of all mechanical parts
- Replace up to two damaged rod lenses OR repair/Replace eyepiece/eyepiece window
- Optical alignment of lens system and ocular lens
- Clean, align, reseal and test

Repair Level 3:

- Includes Level 1 & 2
- Replace solderable sapphire components
- Complete rebuild
- Replace inner and outer stainless-steel tubing
- Replace fiber-optic bundle
- Replace all damaged mechanical parts
- Re-plating (if necessary)
- Replace color bands
- Complete functional testing, alignment, adjustments, and hermetical sealing and or laser welding

Repair Level 2:

- Includes: Level 1
- Replace two or more damaged rod lenses
- Replace objective lens system
- Repair/Replace eyepiece/eyepiece window
- Completely disassemble and clean entire optical system
- Recalibrate optical lens spacing
- Hermetical sealing and or laser welding

Please inquire about an optional flat rate!

Specialty endoscope repairs will be done on a quote basis only.

Specialty endoscopes include:

- Any endoscope less than 2.7mm in diameter
- Any 2.7 mm endoscope longer than 200 mm
- Any endoscope with an image bundle
- Any offset or Laser endoscope