

Endoscope Repair Inc.

FLEXIBLE ENDOSCOPE REPAIR TRAINING PROGRAM

Designed for: Any Endoscopic Technicians and Any Biomedical Engineers

Style of Training: Training will be a combination of verbal instructions and hands-on training

Course Length: Two (2) Eight Hour Days from 9:00AM to 5:00PM with a one (1) hour lunch period

Location: Our Miami Facility which is minutes from the Miami International Airport

Cost: 2000.00 USD per student

CLASS II: Minor Repairs

DESCRIPTION: This course is a review of all of the nomenclature covered in the first class with the addition of learning how to perform minor repairs such as endoscope body disassembly and reassembly, fluid removal, switch replacement, and basic angulation system repairs.

OBJECTIVE: To train a biomedical/endoscope technician or engineer to have a broader understanding of the functionality and operation of the interior components of flexible endoscopes and the minor repairs that can be performed on-site. The individual will also be able to determine if repairs are beyond on site capabilities.

Note: You must have successfully completed Class I "Introduction to Flexible Endoscopes"

COURSE SYLLABUS:

A. Review Class I

1. Endoscope Basics
2. Scope Inspection and Evaluation
3. Air/Water/Channel Repairs

B. Revisit and Clarify Class I Concerns

C. Scope Disassembly and Reassembly

1. Control Body
2. S-cover
3. Light Guide Connector
4. Bending Sheath Removal

D. Fluid Removals

1. Evaluating and Troubleshooting
2. Proper Drying Procedures
3. Proper Corrosion Removal
4. Proper Switch Disassembly

E. Switch Replacement and Rebuilding

1. #1 Switch
2. Video Head
3. #4 Switch (140 models)

F. Angulation System Repairs

1. Inspection and Disassembly
2. Performing an Angulation Reset
3. Performing Wire cutoffs and soldering
4. Detached (slipped) Stopper Repair
5. Reassembly and Adjustments

G. Class II Review

1. Scope Inspection and Evaluation
2. Scope Disassembly and Reassembly
3. Fluid Removal
4. Switch Replacement and Rebuilding
5. Angulation System Repairs
6. Questions and Answers