

Repair Services

Flexible Endoscopes

- Video, Fiber, Small Diameter

Rigid/Semi-Rigid Endoscopes

- Small Diameter, Offset Operating, Specialty

Power Orthopedic Handpieces

- Battery, Electric, Specialty Shavers, Attachments
- Dental Handpieces

Surgical Cameras

- HD, Control Units, Couplers
- Printers

Fiber Optic Light Cords/Cables

- Head Lights, Microscopes, Lasers
- New Light Cords

Harmonic Scalpels

Transducers / Probes

- Urological, Abdominal, Laparoscopic, TEE

Patient Monitoring, Cables, Ultra Sound

- Finger Probes, Fetal Transducers, TOCOs, Dopplers
- Philips monitoring equipment, MMS...

Manual Instruments

- Refurbish, Repair, Sharpen
- Custom Manufacturing, Tray Service

Ophthalmic Instruments

- Phaco Handpieces, Diamond Knives
- Cryo Probes, Vitrectomy & Fragmentation Handpieces

Foot Pedals

Battery Packs

Loaners and Advanced Exchange Options Available

Flexible Endoscope Repair

Our certified repair facility provides complete service for your flexible endoscopes to meet the original specifications for the following manufacturers, Olympus, Pentax, Fujinon, Stryker, Wolf, Welch Allyn, ACMI, and Karl Storz.



Advanced Surgical's unique and exclusive approach to flexible endoscope repair allows healthcare providers to extend the life of their valuable equipment while dramatically reducing their respective maintenance and repair budgets. Historically, Advanced Surgical provides the lowest maintenance cost by procedure in the industry.

We specialize in small diameter flexible endoscopes, including Bronchoscopes, Choledochoscopes, Cystoscopes, Laryngoscopes, and Ureteroscopes. We service all current major brands and discontinued models, utilizing only new components in repairs.

Our services include:

- Major repairs normally sent to the OEMs for overhauls
- CCD chip repairs and re-wiring
- Fluid invasion removal & dry out
- Image guide fiber bundle replacement
- Light guide fiber bundle replacement
- Insertion tube replacement
- Bending section rebuild/replacement
- Flame welding for angulation cable sub-assembly
- Elevator system replacement for ERCP scopes
- Bending sheaths manufactured specifically for each endoscope model
- 21 point inspection and quality assurance program
- 120 day warranty



We have the highest scope repair capabilities outside the OEM. Advanced Surgical provides the longest repair warranties in the industry due to our New Component Replacement and Quality Assurance program.

Loaners Available – arrive next business day

Rigid Endoscope Repair



Extensive manufacturer experience and strict adherence to each endoscopes component specifications provides your facility with the quality service you demand and savings for your repair budget. From minor repairs to extensive rebuilds our trained technicians follow original equipment specifications for each repair including laser welding, sapphire lenses, matching objective and lens systems.

Rigid and Semi-Rigid Endoscope repairs for all makes and models are provided including:

Karl Storz, Stryker, Olympus, ACMI/Circon,
Wolf, Dyonics/Smith&Nephew, Linvatec

Rigid Scope Repairs include:

- Free repair evaluations
- Complete rebuild as needed
 - New fiber bundles
 - New stainless steel tubing
- Objective lens replacement
- Rod lens replacement
- Straighten tubing
- Clean, reseal lens system, polish fibers
- 1 Year parts & labor warranty
- 3-5 Day average repair time

We also repair, buy and sell most EndoEYE, Carpal Tunnel, Offset, and specialty scopes.

Loaners available – arrive next business day

Philips Monitoring Repair Services



Advanced Surgical repairs and refurbishes a wide range of Philips Monitoring equipment utilizing replacement parts and processes that strictly adhere to original equipment (OEM) specifications.

Replacement exchange options are available for those items that are too damaged for economical repair.

Repair Services:

- Component level repair
- Board replacement where needed
- Calibration to OEM spec
- Connector repair
- Case and cosmetic repair
- Pump replacement
- Firmware update
- Clock reset

Modules Supported Include:

M3001A, M3015A, M3016A
M1002A/B, M1006A/B and many more

Anesthesia Gas Modules Supported Include:

M1026A, M1026B, M1019A, M1013A

Monitors Supported Include:

Intellivue MP Series, including MP90, MP70, and more

We also repair Telemetry Transmitters, Transducers, Module Racks, and Central Stations.

Advanced Exchanges and Loaners Available



Power Handpiece Repair



Our certified power repair facility provides complete service for all brands of Battery, Corded Electric, and Pneumatic power handpieces and attachments. All repairs and replacement parts meet the original equipment specifications.

All types supported:

High Speed Drills	Shavers
Sagittal Saws	Reamers
Sternum Saws	Reciprocating Saws
Microdebriders	Drills

Repairs for all leading manufacturers including:

- Stryker – System 6/5, 4200, 4100
- Hall – Power Pro
- Dyonics/Smith&Nephew – all models
- Medtronic – Legend Gold, Platinum, M4

Repair service includes:

- Motor & controller
- Cable & connector
- Motor sensors
- Impeller replacement
- Motor & armature resurfacing
- Replace bearings & seals
- Ultrasonic cleaning & lubrication
- 90-120 day warranty

PM programs available

Battery Rebuilds including: 4115, 4112, 2115, 400-650

Loaners Available – arrive next business day

Dental Equipment Repairs



Dental handpiece repairs are available for all models of air driven, electric, and surgical handpieces. All repairs are completed by experienced technicians utilizing components meeting all OEM specifications.

High speed manufacturers:

- Midwest
- Champion
- Star
- A-dec/W&H
- NSK
- Lares
- KaVo
- Impact Air

Slow speed manufacturers:

- Midwest
- Champion
- Lynx
- KaVo
- A-dec/W&H
- Star
- Lares
- Medidenta
- Titan

Scalers:

- Star
- Parkell
- KaVo
- Dentsply

Additional services are provided for: Ultrasonic Cleaners, Amalgamators, Obturators, Electro Surgery Units, Control Units, Curing Lights.

Camera & Coupler Repair



Our certified repair facility provides complete service for your surgical camera equipment to meet the original specifications. All replacement components are manufactured with the same tolerances and material originally designed by the manufacturer.

Camera repairs for all leading manufacturers including:

- Stryker – 1288, 1188, 1088, 988
- Karl Storz – Image 1, Tricam
- Olympus – OTV-S7 HD, OTV-S6, EndoEYE
- ACMI/Circon – MV-10000 series
- Dyonics/Smith&Nephew – 460H
- Linvatec – IM-3300

Camera service includes:

- Replacement cable and connector assembly
- Electronic component repairs
- New glass seals
- CCD/Prism repair or replacement
- Complete Testing to manufacturer specs
- 90 Day Warranty

Coupler repair, rebuilds:

- Scope mount repairs
- Fluid invasion removal
- Replace glass & O-ring seals

Camera Control Unit repairs:

- Component level repairs

Loaners Available – arrive next business day

Fiber Light Cord Repair

Advanced Surgical offers repair and manufacturing of over 500 different types of FDA approved single and bifurcated medical cables to precise specifications for fiber optic medical lighting.



Repair Services:

- Replace fiber bundle
- Replace outer sheathing
- Replace or Repair connectors
- 90 day warranty
- Compatible with all general sterilization processes
- FDA Approved
- Outstanding light transmission
- 3-5 day turn around



Products Serviced:

- Rigid Endoscope light cords
- Bifurcated & Head lamp cables
- Cogent, quartz fiber cables
- Microscope light cables
- da Vinci light cords
- Head lamp repairs, all manufacturers
- Custom & New replacement light cords

Harmonic Scalpel Repair



Ethicon Harmonic Scalpel handpiece rebuilds save money and extend the useful life of your instruments.

Our certified repair facility provides extensive rebuild and testing processes to meet the exacting standards of the OEM for your Harmonic Scalpel repairs. We have provided thousands of handpiece rebuilds over the past 15 years to hundreds of satisfied health care facilities.

Harmonic Scalpel rebuild service is available for all Ethicon models including:

HPBLUE HP054 HP052

Harmonic Scalpel Rebuild service includes:

- Complete disassembly and ultrasonic cleaning
- Replace all major components:
 - Piezoelectric Crystals
 - Seals & Connectors
 - Electrical Cord & Connectors
- Complete Testing to manufacturer specs
- 90 Day Warranty
- Advanced Exchange - arrives next business day

Transducer Repair



Advanced Surgical refurbishes virtually all probes / transducers utilizing replacement parts and processes that strictly adhere to original equipment (OEM) specifications.

Probes deemed non-repairable or unfit for exchange by the manufacturer can typically be repaired by Advanced Surgical.

Repair Services:

- Transducer lens replacement
- Strain relief recasting
- Cable Jack repair
- Probe casing repair
- Bending rubber replacement
- Connector repair
- Full cosmetic replacement
- Insertion tube repair/ recoat
- Motor control repair



Manufacturers Supported Include:

GE	Philips / HP
Sonosite	Siemens/ Acuson
PET	BK Medical
Philips / ATL	

Surgical Departments Supported:

- Cardiac / Including Transesophageal
- Surgical / including Laparoscopic probes
- Vascular
- OBGYN
- Urology

Advanced Exchanges and Loaners Available

Manual Instrument Repair



We provide expert repair services for all makes and models of instruments including those the manufacturer discontinued or deems obsolete. Substantial savings on every repair, and same day service for most minor repairs.

Surgical instrument sharpening & repair:

- General Instruments
- Neuro
- Laparoscopic
- Endoscopic
- Micro
- Arthroscopic
- Orthopedic
- Ophthalmic



Examples of common instruments repaired include:

- Needle Holders
- Working Elements
- Scissors
- Rongeurs
- Speculums
- Bipolar Forceps
- Bridges
- Retractors
- Forceps
- Sheath
- Punches
- Kleppingers



Other services:

- Custom instrument manufacturing
- Book Walter Retractor system refurbishing
- Tray services
- Color coding

Advanced Surgical supports all type of instruments and manufacturers including; Karl Storz, Wolf, Aesculap, Stryker, Richards, Acufex, Shutt, Snowden Pencer, Dyonics/Smith&Nephew, Linvatec, V. Mueller

Phaco Handpiece Repair



For over 15 years our certified repair facility has rebuilt Phaco Handpieces meeting all OEM specifications. Our repair process has been refined over the years and includes fully tested internal sub assemblies of all major components allowing rapid turn-around without compromising our stringent quality standards.

All Manufacturers Supported Including:

Alcon, Storz / Basuch & Lomb, Allergan, AMO

All Models Supported Including:

OZiL, Infiniti, Neosonic, Ultrasonic, Turbosonic 375 Millennium, Diplomax, Premier, MicroSeal, Sovereign

Service includes:

- Complete analysis of all components
- Replace ceramic crystals
- New tubing for irrigation & aspiration
- New electrical cord & strain relief
- New internal wiring and connectors
- Replace all seals
- Operational & Safety testing
- 6 month standard warranty

Advanced Exchanges Available