

TECHMAN INTERNATIONAL CORPORATION
Surgical Microscopes / Colposcopes and Accessories

Please contact Sales@TechmanInc.com for pricing and delivery terms.

Part #	Product Description
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Surgical Microscopes

Features:

Modular design with easy interchangeability of components
 Sterilizable covers for eyepieces, magification changer, and focus
 Removable sterilizable parascope handles guide scope head position
 Choice of straight or 45° inclined binocular tubes
 Adjustable eyepieces with built-in diopter adjustment and friction lock
 3-step magnification changer (1x, 2x, 3x) in one simple movement
 Wider Field of View (8.3mm up to 150mm) and a greater Depth of
 Focus (3mm up to 76mm) than conventional systems
 Wide range of magnification options (1.2x up to 29x)
 Changeable working distances from 7"(18cm) up to 20"(51cm)
 "Through Lens" illumination with integrated green filter control
 UL CSA CE listed Halogen lightsource with back-up lamp system
 Hermedicly sealed surgical ACMI style fiberoptic illumination cable
 Dovetail accessory mount to accommodate surgical laser devices
 Scope head rotates and tilts up, down, and side to side
 Counterbalanced suspension arm with pre-set tension control
 Adjustable suspension arm with 80" maximum hieght and a 32" reach
 Friction locks on the suspension arm and microscope head to control scope position and movement
 Solid cast iron base with locking full swivel 3 1/4" wheel casters

Optional Equipment:

7 objective lenses ranging from 175mm to 500mm
 3 eyepiece magifications to choice from 10x, 15x, and 20x
 Beam Splitter for use with additional accessories such as a second observer tube, digital video camera system, and a still photographer camera attachment

AF-10820 Single Manual Surgical Microscope System
AF-10830 Single Surgical Microscope System w/ Power Focus

AF-10840 Double Manual Surgical Microscope System
AF-10850 Double Surgical Microscope System w/ Power Focus

**Designed for use in surgery when the surgeon and assistant/observer must work together, or for training purpose.*

AF-10860 Twin Manual Surgical Microscope System
AF-10870 Twin Surgical Microscope System w/ Power Focus

**Provides the primary surgeon and his or her assistant/observer a view of the surgical field at the same eye level.*

AF-10880 E.N.T. Manual Surgical Microscope System
AF-10890 E.N.T. Surgical Microscope System w/ Power Focus

**Fulfills the special requirements of E.N.T. type surgery with its modular, open-end design features and limitless add-on potential for today's requirements and tomorrow's developments in surgical techniques.*

AF-10900 Manual Neurosurgical Microscope System
AF-10910 Neurosurgical Microscope System w/ Power Focus

**Provides fatigue-free viewing even at the most difficult of angles as in posterior fossa, cerebral tumor, and aneurysm surgery, routine craniotomies, and nerve transplantations.*

AF-10920 Manual Ophthalmic / Plastic Surgery Microscope System
AF-10930 Ophthalmic / Plastic Surgery Microscope System w/ Power Focus

**Enables surgeons detail accuracy in terms of surgical tehniques involving nerves, vessels, and tissues that that require the combination of depth of focus and field of view.*

Part #	Product Description
Colposcopes	

Features:

Modular design with easy interchangeability of components
 Sterilizable covers for eyepieces, magnification changer, and focus
 Choice of straight or 45° inclined binocular tubes (45° standard)
 Adjustable eyepieces with built-in diopter adjustment and friction lock
 3-step magnification changer (1x, 2x, 3x) in one simple movement
 Standard Fields of View (19mm, 38mm, and 76mm)
 Standard Depths of Focus (5mm, 10mm, and 23mm)
 Standard range of magnification options (3.2x, 6.3x, and 13x)
 12 inch working distance from objective lens to the viewing surface
 "Through Lens" illumination with integrated green filter control for checking important blood vessel patterns
 UL CSA CE listed quartz halogen lightsource with back-up lamp system and pole mount bracket
 Hermedicly sealed surgical ACMI style fiberoptic illumination cable
 Dovetail accessory mount to accommodate surgical laser devices
 Adjustable counterbalanced suspension arm with friction locks
 Scope head rotates left to right and tilts down

Optional Equipment:

Seven objective lenses to choice from: 175mm(7"), 200mm(8")
 250mm(10"), 300(12"), 350mm(14"), 400mm(16"), 500mm(20")
 Three eyepiece magifications to choice from 10x, 15x, and 20x
 Beam Splitter for use with a second observer tube, digital video camera system, or still photography camera attachment

- AF-10950 Economy Colposcope System**
- AF-10960 Standard Colposcope System**

**The Economy colposcope offers the same premium optical features but with a more price conscience lightsource and support base.*

Digital Video Camera System

Equipment:

- IK-C43H68** Toshiba 1/2" CCD Color Camera
- IK-CU43A** Toshiba Color Camera Controller
- EX-C4302** Two Meter Extension Cable
- ACM412** Toshiba Controller Power Supply

**The digital video camera system requires both the beam splitter and video adapter.*

Surgical Microscope / Colposcope Accessories

- AF-09613 Olympus T-Mount**
- AF-09614 Nikon T-Mount**
- AF-09615 Canon T-Mount**
- AF-12410 Lasersonic Laser Adapter**
- AF-12587 Surgilase Laser Adapter**
- AF-12953 Sharplan Laser Adapter**
- AF-00849 10X Eyepieces(2)**
- AF-00838 15X Eyepieces(2)**
- AF-00843 20X Eyepieces(2)**
- AF-01513 175mm Objective Lens**
- AF-01372 200mm Objective Lens**
- AF-01046 250mm Objective Lens**
- AF-01319 300mm Objective Lens**
- AF-07921 350mm Objective Lens**
- AF-01488 400mm Objective Lens**
- AF-10465 Beam Splitter**
- AF-10468 35mm Camera Adapter**
- AF-10585 Video Adapter**
- AF-10470 Observer Tube**