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# AMD Company Profile

AMD Global Telemedicine is the leading supplier of medical devices and diagnostic peripherals to telemedicine programs and telemedicine solutions providers worldwide. AMD products satisfy the requirements of a wide range of medical specialties and are installed in over 6,600 telemedicine sites in 84 countries. All AMD products are supported by AMD's complete installation, training, technical, and repair services.

Participation with hundreds of telemedicine operations in virtually every clinical and physical environment has allowed AMD to develop extensive telemedicine expertise, which we share with our customers through AMD's customer support, solutions design and training programs.

AMD provides the devices you need, the telemedicine expertise you rely on, and the performance you demand with a commitment to the success of your program.

In clinical telemedicine, AMD provides a complete set of medical devices for almost any medical need including:

- Image Management Systems
- Electronic Stethoscopes
- Dermoscopes
- GI Scopes
- Ophthalmoscopes
- Dental (Intraoral) Cameras
- Video Cameras
- Vital Signs Monitors
- PACS
- Ultrasound
- Telemedicine Carts
- ECG Equipment
- Video Microscopes
- Nasopharyngoscopes
- OTO/ ENT Scopes
- Laparoscopes
- Light Sources
- Colposcopes
- Transport/Storage Carts
- Radiology Scanners

**Background:** AMD was founded to market innovative medical devices developed by teaching hospitals, technology transfer offices and US and European device developers. The Company successfully commercialized a variety of medical products in the general hospital and surgical market. In 1993 AMD was contracted by a major systems integrator to provide medical advice for early telemedicine programs. From this experience, AMD realized the potential of telemedicine and introduced a broad range of innovative products to specifically address the needs of this new market. AMD is recognized for its medical device and telemedicine expertise and has established itself as the leader in product range, product quality and service excellence.



# AMD Company Profile

**One stop shopping:** AMD provides a single source for the best available medical device solutions. We provide advice, products, installation, support, training and service.

**Medical knowledge at the procedural level:** We know how a caregiver uses the device, what they want to accomplish and what obstacles they face. We design our products to meet those needs and overcome the challenges.

**Practical Solutions - Leading Technology:** AMD strongly believes that for telemedicine to be successful, it must prove itself efficient as well as effective. It is often best to pursue what is already practical over what is possible. This drives AMD to provide effective, efficient, proven solutions. At the same time, we have exceptional exposure to new technology as it is being developed. This gives AMD early access to products and allows AMD to influence the product design before it is completed.

**Service Excellence:** AMD is committed to the success of its customers. We realize that our success depends on your success. We show this commitment through strong support and service. This includes: integrator training, technology demonstrations, customer support, in-service training, installation, standard warranties, Priority One (overnight repair or replacement) services and much more. Our commitment to service is supported by an expanding number of service personnel around the world. AMD also offers video conferencing, 24 hour phone support and Web information access so customers can contact AMD anytime and from anywhere in the world.

**Ease of Use - Standards Compliance:** AMD products are designed to be easy to use every day. We use standard platforms that drive multiple devices and software to automate as many functions and adjustments as possible. AMD diagnostic scopes are similar or identical to the non-video devices a practitioner has used in the past. This focus on simplicity and familiarity increases user acceptance reduces training requirements and encourages frequent use. AMD products comply with FDA, UL, and CE requirements. AMD complies with video signals standards (S-Video, NTSC, PAL), data interfaces USB, RS232, RS449, PCMCIA, and common analog signal standards. AMD devices use “plug-and-play” and interfaces with almost all video conferencing and PC applications.

We look forward to serving your telemedicine needs. For information contact:

**Email: [info@amdtelemedicine.com](mailto:info@amdtelemedicine.com)**

**Voice: 978-937-9021 / 866-511-1301 (US & Canada) • Fax: 978-937-5249 • Video: 978-251-1859**

# Quality Service and Customer Service

AMD Global Telemedicine has earned a reputation for exceptional customer support and service. Our service programs are designed to meet the general needs of all our customers while staying focused on each customer's individual requirements. We measure our success by our customers' success and satisfaction.

## **Service starts with quality products:**

All AMD Global Telemedicine products are built with the highest commitment to customer satisfaction and are manufactured to provide exceptional performance quality; to be easy to use and maintain and to operate dependably for many years even in difficult healthcare environments.

## **Standard Warranty:**

All of AMD Global Telemedicine products carry a one year warranty for parts and labor. Extended warranties are available.

## **Service Response:**

AMD Global Telemedicine offers telephone, email and video conferencing support world-wide. A toll free hotline is available for our customers in the Continental United States and Canada. When you place a service call, AMD Global Telemedicine works with you to assess and resolve your issues. Your concerns are carefully tracked until you are satisfied.

## **PRIORITY ONE Service:**

AMD Global Telemedicine PRIORITY ONE Service provides 24-hour call support and a commitment to dispatch whatever is needed to get your system up-and-running by the next business day.

## **Special Service Requirements:**

AMD Global Telemedicine will meet special service needs of our customers in critical or remote locations. Upon request, AMD Global Telemedicine will assist in determining the service requirements of your telemedicine program and design custom service programs to meet your uptime and customer satisfaction goals.

### **Standard Warranty**

- ✓ One year parts and labor
- ✓ Return to Factory
- ✓ Toll free customer service hotline
- ✓ 9 am to 5 pm ET, Monday - Friday
- ✓ Covers any failure due to normal use except lamps, fluids, gases or disposables

### **Extended Warranty**

- ✓ Same as above after one year
- ✓ Items must be under continuous service coverage

### **PRIORITY ONE Service**

- ✓ 24-hour customer service hotline
- ✓ A commitment to dispatch parts or replacement products the next business day
- ✓ Covers any failure due to normal use except lamps, fluids, gases or disposables
- ✓ Items must be under continuous service coverage

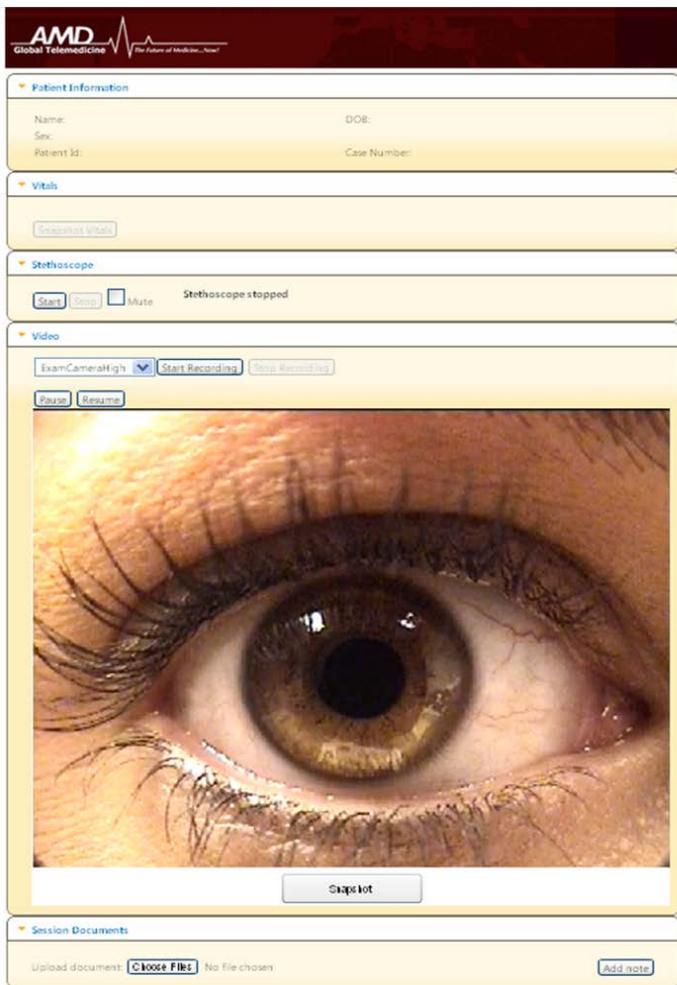
### **Technical Support Contract**

- ✓ 24-hour technical support hotline
- ✓ 24-hour parts availability
- ✓ Video conference technical consultation

### **Custom Service Programs**

- ✓ AMD will work with you to design, implement and support a custom service program to fit your specific needs.
- ✓ This includes, but is not limited to:
  - Service requirements assessment
  - Failure analysis
  - Solution design
  - Call management
  - Repair service
  - Spare management
  - Service program improvement
  - Results analysis

# Aggregated Network Services (AGNES™) Medical Gateway



[Logout](#) [Clear Session](#)

Agnes Version: 3.0.0.143 [AMD Web Portal User's Guide](#)

*AGNES™ is a telemedicine device aggregation appliance responsible for gathering and distributing patient medical information in real time and independent of any video conferencing system network.*

*The AGNES™ Web Portal offers real-time video, audio and data transmitted from the patient location, allowing physicians to see, hear and view appropriate test results.*

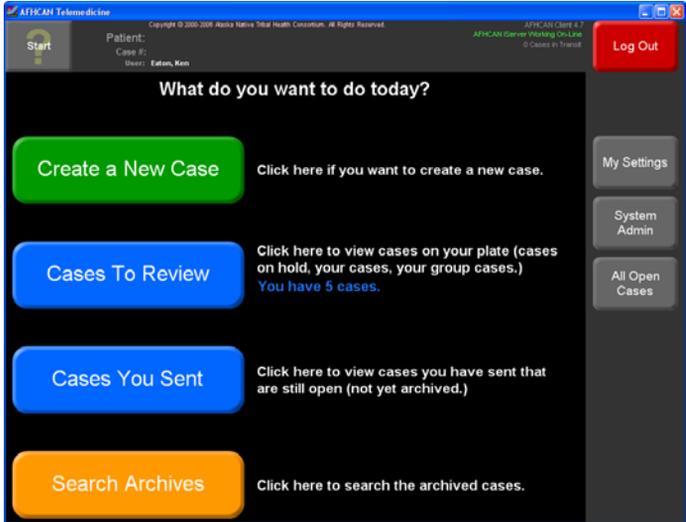
*AGNES™ runs under Windows with specialized medical device drivers and customized web services capable of secure, real time streaming.*

## **AGNES™ 3.0 FEATURES**

- Remote physician side completely browser based. No installation and zero cost.
- Allows for complete physician mobility
- No specialized communications equipment required
- Complete data capture of medical quality audio, visual and data into an EMR
- Both TCP and UPD based video and audio streaming available
- Integrates with a full line of medical devices for general and specialized care, including
  - EKG
  - Various Stethoscopes
  - Spirometry
  - Vital Signs
  - Medical Video
  - Many More
- Ability to transfer any forms or other medical documents between participants in the medical encounter
- Fully secured using configurable authorization sources, as well as end-to-end encryption
- Multi-lingual support

*Please contact AMD for more information on how to utilize AGNES's SDK into your company's custom medical offerings.*

# AMD Telemedicine Encounter Management (tConsult™) System

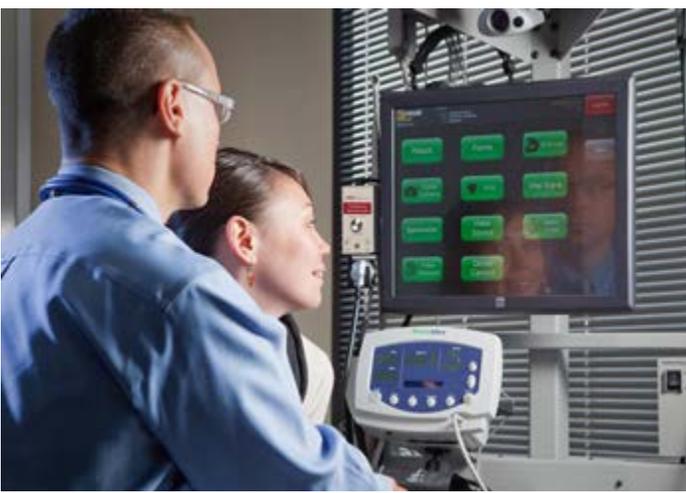


## tConsult™ Software

*The AMD & AFHCAN tConsult™ Software is equipped with device management, case creation, case work flow and case archival.*

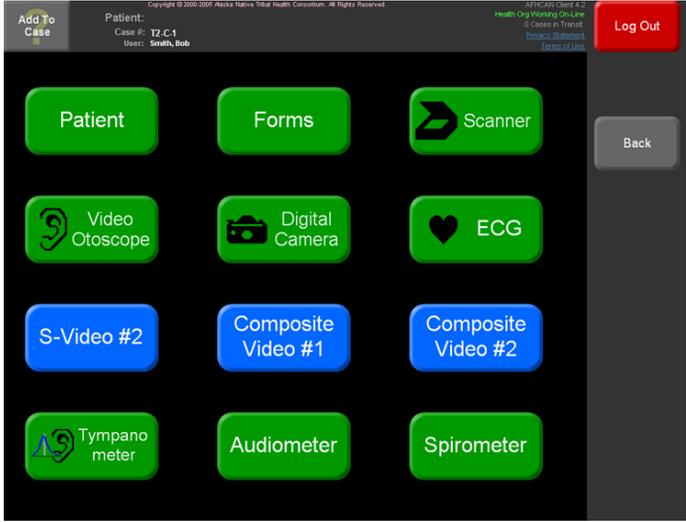
*The TEMS™ system includes tConsult™ Software with an intuitive user interface along with AMD's well known, certified, and preeminent diagnostic medical devices.*

*The TEMS™ system supports both live encounters as well as deferred consultations.*



## Features

- Touch screen Compatibility
- Color coded for easy navigation
- Three clicks to access peripherals
- Minimal user training required



## Product Integration

- Dental Camera
- 12-Lead ECG
- Spirometer
- Stethoscope
- Video Otoscope
- Vital Signs Monitor
- General Exam Camera



# AMD Integrated Telemedicine Cart



This fully integrated telemedicine cart\* is an all inclusive mobile telemedicine encounter work station with integrated medical peripherals, wireless network capability, and power management hardware that allows health care professionals to:

- Capture images, video, vital signs and data from medical device peripherals.
- Capture information from external imaging devices such as microscopes, ultrasound and surgical scopes.
- Forward information to other professionals or specialists at remote locations for review and consultation.

This telemedicine cart is suitable for all localities. It has a low center of gravity to ensure maximum stability and is designed to meet the ergonomic needs of a wide variety of users. The cart can also be integrated with live video conferencing. Forms available in multiple languages within the software.



AFHCAN Software



Camera & Illumination System



Digital Camera



AMD 12-Lead EKG



Vital Signs Monitor



ENT Scope



Scanner



Dental Camera



Spirometry

This multi-function cart allows a medical professional to examine, consult, or provide expert opinion for patients located in another room or another continent. It is compact, transportable, battery backup and communicates via WiFi or Ethernet.

IMEDS mobile station can be set up like an examination room with a wide variety of connected instruments (sold separately) such as:

- ✓ General examination cameras
- ✓ Stethoscopes
- ✓ Spirometers
- ✓ Otoscopes
- ✓ Dermoscopes
- ✓ Ophthalmoscopes
- ✓ Vital signs monitors
- ✓ ECG monitors

*See it at ATA 2012*

It is compatible with your current video conferencing system or any standard system you care to deploy including Cisco, Polycom, and Vidyio. It can work with either hardware or software video conferencing codecs.

IMEDS supports the way you work and is suitable for many environments such as hospitals, remote clinics, physician offices, ER, ICU, skilled nursing facilities, mental health sites, and correctional facilities.

You can adjust the counter height at the touch of a button – from 34" (wheel chair level) to 50" and move it easily on its large 5" wheels.

With the wide array of optional instruments, you can set it up for clinical specialties such as:

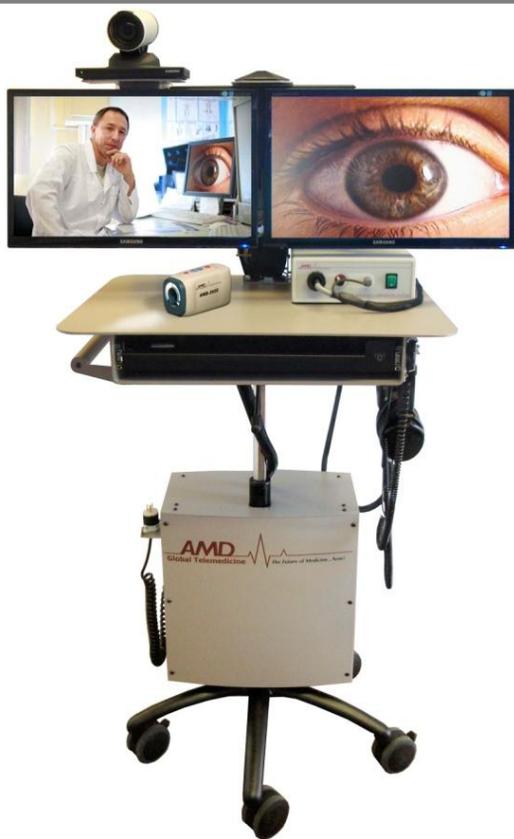
- ✓ Stroke/neurology
- ✓ Psychiatry/mental health
- ✓ Dermatology
- ✓ Pediatrics
- ✓ Cardiology
- ✓ Primary care

## Certification and Compliance:

UL 60601 for use in patient care environments  
AES wireless encryption meets HIPPA requirements  
MDDS compliant

## Features

- ✓ The extra flexibility and mobility of rechargeable battery power
- ✓ Supports single or dual monitors in multiple arrangements
- ✓ High definition (1080p) allows excellent viewing
- ✓ Unit moves smoothly on 5" wheels
- ✓ The power of a fast, standards based Quad-Core Intel® processor
- ✓ Anti-microbial surfaces on the keyboard, mouse, and steel chassis
- ✓ Integrated vital signs monitor mounting kit
- ✓ Can feature the logo of your organization
- ✓ Extend the range with high performance antenna or wireless router
- ✓ Camera mount with Ram swivel mount arm for ease of examination
- ✓ Quick release panels for easy maintenance or locking screws for security
- ✓ Storage accessory bin at rear of unit
- ✓ 6" locking drawer for supplies



***AMD's IMEDS enables medical professionals to provide remote wireless consultations with patients anywhere, anytime in your facility.***

***AMD's IMEDS is specifically designed for applications where a small, battery powered, wireless mobile system is required.***

***IMEDS can be configured for wireless or wired use and can be integrated with AMD's diagnostic scope platform, AMD's General Exam Camera, AMD's Stethoscope.***

***Although AMD Global Telemedicine does not provide video conferencing, AMD partners with the world's leading manufacturers to assure smooth integrations with AMD's products and solution. IMEDS is also compatible with your current video conferencing system or the video conferencing system of your choice.***

***The options are limitless...Let your imagination roam!***

## **Benefits**

- Rapidly deployable cart
- Offers mobility and portability
- Can be configured for right-handed or left-handed usage
- Can be integrated with either hardware based or software based video conferencing codecs
- Adjustable work surface height can be adjusted to accommodate various heights including a wheelchair's height
- Camera height adjustable to maintain eye contact with patient
- Multiple usage environments including: hospitals, remote clinics, physician's offices, emergency rooms, intensive care units, outpatient mental health, university medical centers, skilled nursing facilities, prisons and jails, etc.
- Can be customized for various medical applications including: stroke/neurology, psychiatry/mental health, primary care, dermatology, intensive care, orthopedics/surgical follow-up, cardiology, pulmonology, emergency/trauma, tele-monitoring, and many more
- High Definition 720p 30/60 fps or 1080p resolution for life-like experience
- Anti-microbial keyboard and mouse (dishwasher safe)
- 10" height adjustable work surface (Work surface: 32"- 42")
- Five 4" twin wheel precision casters for the ultimate stability
- High-end Aopen Small Form Factor Core 2 Duo E8400/2.5GHz, 2M RAM, 1333FSB, 4GB, Non-ECC, 8000MHz
- Optional integrated wireless or wired laptop
- Highly mobile, small footprint with enclosed power compartment for spill protection
- AES encryption for HIPAA compliancy
- UL 60601 compliant for use in patient care environments
- Optional high performance 3G wireless router and high performance antenna
- Battery powered for true mobility with proven wireless roaming capability
- Optional integration of medical peripheral devices

# AMD-3000 Dispatch Case



*The AMD-3000 Dispatch Case offers a complete telemedicine solution in a portable hard case.*

*The AMD-3000 Dispatch Case offers mobility and flexible connectivity options via standard LAN or wireless card connections. The lightweight and compact AMD-3000 Dispatch Case makes it incredibly easy to transport and allows for use in multiple locations.*

*The AMD-3000 Dispatch Case is ideal for many specialty areas including emergency care, disaster response, mobile units, home health care, correctional facilities, and military field clinics.*



## Features

- 17" Touch Screen Monitor – Reduces Use of Keyboard
- CPU Built Directly Into Unit
- Capable of Running on ANY Operating System
- IO Panel in Back to Support Direct Connect to Video Conferencing
- Durable SBK Rated Light Weight Plastic Case
- Compatible with Software Based Videoconferencing
- Features tConsult™ Case Manager Software

## Specifications

- Flexible Connectivity Options Via Standard LAN or Wireless Card Connections.
- Organized Cable Management.
- Compact, but yet Large enough to Support the Most Utilized Telemedicine Equipment in the World today.
- Supported AMD Medical Devices:
  - AMD-2500 General Exam Camera
  - AMD-2013 Digital MacroView Otoscope
  - AMD-3700 Telephonic Stethoscope
  - AMD-3875 12 Lead ECG
  - AMD-3920 Digital Spirometer
  - AMD AGNES™

# AMD-500 Camera & Illumination System

*This multi-scope analog and digital camera system and light source produces superior quality images needed for accurate diagnosis. The AMD-500 camera system drives a wide variety of diagnostic medical devices, including ENT/otoscope, dermascope, ophthalmoscope, naso-pharyngoscope, laparoscope, and a variety of other rigid and flexible scopes.*

*This camera has easy one-touch white balance and flexible and rigid scope settings. This camera is delivered with optimal visual settings, but allows the user to increase the light and aperture setting to personal preferences.*

*Available in High Definition(HD) 1080 p or Standard Definition(SD) 720p.*

## **Quality Imaging to Assist with Accurate Diagnosis**

The AMD-500 delivers high resolution video. The Integrated Image Enhancement feature for both flexible and rigid scopes ensures truer color and crisp, clear, well-defined pathologies.

## **Superior Imaging**

The AMD-500 uses a white LED light source to deliver a crisp, clear, uniform image from edge to edge. AMD's unique edge enhancement for sharper definition is a standard feature.

## **Superior Illumination**

AMD-500 LED light source produces white light for true color. The advanced design projects light at a wider angle, producing consistent illumination across the monitor.

## **Accurate Color**

One button white balance ensures accurate colors enabling diagnostic quality images.

## **Flexibility & Economy**

The AMD-500 adapts to a wide range of rigid and flexible diagnostic scopes. This maximizes your flexibility as your program grows and matures. Contact your AMD representative for a full listing of AMD scope options.

## **Rugged Construction**

The solid camera housing, reinforced cable and rugged system chassis guarantee long life under continuous use. The LED light has a long lifespan.

## **Integrated System**

The camera and light source work together in a single unit, simplifying use and maximizing performance.



## Specifications

### Physical Dimension

- **Width: 10.03" (255 mm)**
- **Depth: 8.93" (93 mm)**
- **Height: 3.64" (211 mm)**
- **Weight: 7.8lbs (124.8 oz)**

### Mains Adapter

- **Input: 100V-240V AC; 1,22A-0,68A AC; 47/63 Hz**
- **Output: max. 60W; 11V-13V DC**

### Camera Controller

- **Supply voltage: 12V DC**
- **Energy consumption: 24 W**
- **Isolation class: 1**
- **Fuse: 2,0 A(T); 5 x 20 mm**
- **Brightness control: automatically**
- **Outputs:**
  - **1 x DVI-D (only for HD version)**
  - **1 x S-Video (Y/C)**
  - **1 x Video (Composite/CVBS)**
  - **1 x USB 2.0**
  - **1 x Remote**
- **Classification: Type BF according EN 60601-1**

### Camera Head

- **TV System: offered in either PAL / NTSC**
- **Image sensor: 1/2" CCD**

### Storing and Transport

- **Temperature: - 20 C to + 70 C**
- **Relative air humidity: 5 % to 95 %**
- **Air pressure: 70 kPa to 106 kPa**

### Operation

- **Temperature: +15 C to +40 C**

### PC Minimum Requirements

- **USB 2.0 interface**
- **CPU >2 GHz**
- **RAM >256 MB**
- **Windows 2000 (SP4 or higher) / Windows XP (SP1 or higher)**

# AMD Standard Diagnostic Video Scopes

All the tools you need...all connecting to a common platform

## AMD-2015 ENT Scope

A must for comprehensive ear, nose and throat (ENT) examinations, the AMD-2015 ENT/Otoscope combines the functionality of a high performance otoscope, a short sinus scope and an oral exam scope in a single diagnostic device to meet your ENT needs. Pneumatic Otoscopy for easy assessment of outer-ear canal, ear drum, and middle ear. Permits excellent imagery for lower sinus and upper throat examinations. Exceptionally clear, wide field of view. Connects to the AMD-400 and AMD-500 camera platforms. One of our most popular diagnostic devices, the ENT/otoscope is acclaimed for its use in otoscopy to cover the full range of ear, nose and throat examinations.



### Specifications

- **Optics:** Rod lens
- **Illumination:** POC Illumination lamp
- **Field of View:** Wide angle 80 degrees
- **Dimensions:** 2.7mm diameter, 80mm in length
- **Specula:** Adult uses 4mm specula; pediatric uses 2.5mm specula

## AMD-2020 Direct Ophthalmoscope

AMD brings you the video of a diagnostic ophthalmoscope used by primary care and pediatric physician worldwide for primary care ophthalmology examinations of the retina. View and illuminate retina, head of optic nerve, retinal arteries, vitreous humor, through an un-dilated pupil. Capture images in freeze frame for extended review. Focus in eyepiece is equal to image on video monitor. 3 C size 1.5 batteries required. Connects to the AMD-400 and the AMD-500 camera platforms. Popular with primary care and pediatric physicians, this direct ophthalmoscope expands your video diagnostic capabilities in ophthalmology.



### Specifications

- **Optics:** Coaxial Optical System
- **Illumination:** POC Illumination lamp
- **Field of View:** Pupil size dependent
- **Aperture Selections:** Micro, small, large, fixation, slit, cobalt
- **Filter Selections:** Red-free, polarizing filter
- **Diopter Selections:** -25 to +40, single increments

## AMD-2030 Dermascope

A superior skin surface contact microscope for use in primary care, pediatrics or dermatology. Easy, integrated focus controls. Removable contact plate provides easy cleaning and sterilization and eliminates cross-contamination. Millimeter scale in contact plate allows lesion measurement. Connects to the AMD-400 and AMD-500 camera platforms. The AMD-2030 is widely used in primary care and pediatrics, and by dermatology specialists, to diagnose dermatologist conditions and to document and archive lesions.

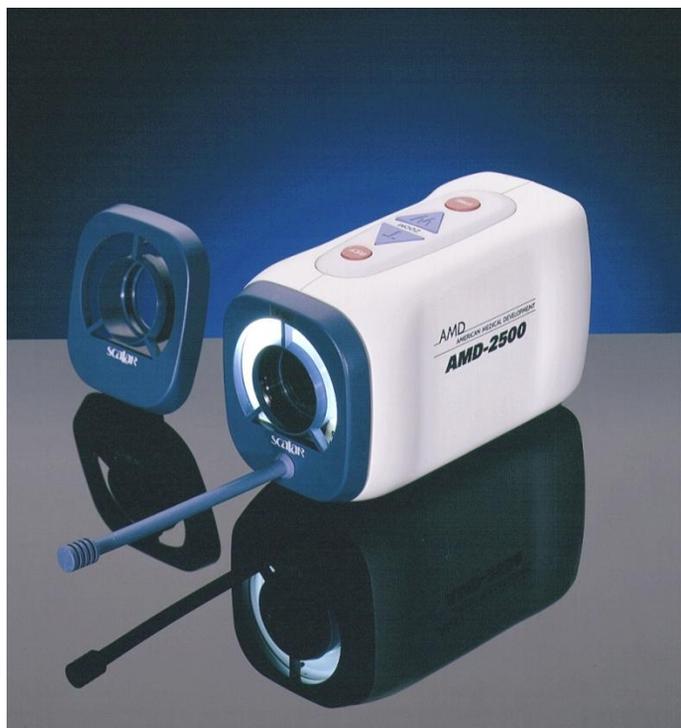


### Specifications

- **Optics:** Integrated focusing optics with adjustable focus
- **Illumination:** POC Illumination lamp
- **Field of View:** 13mm

# AMD-2500 General Examination Camera

*The multi-specialty camera with built-in freeze-frame & polarization*



***The AMD-2500 video imaging system is the first camera to combine power zoom, auto focus, frame capture and electronic image polarization in one device.***



## **Features**

### ➤ **Power Zoom**

Push-button 1-50x zoom allows both close focus and wide angle images.

### ➤ **Auto Focus**

The camera automatically stays in focus for ease of use.

### ➤ **Freeze Frame**

Freeze frame delivers the clearest possible image, making it ideal for both low and high band-width solutions. The integrated freeze frame button on the camera instantly captures an image without the use of a keyboard or mouse.

### ➤ **Accurate Colors**

One-button white balance sets highly accurate colors quickly and easily.

### ➤ **Polarization**

Elimination of surface skin reflection allows camera to see further into epidermal layers.

### ➤ **Touch and View**

The AMD-2500 includes manual or automatic iris control to maximize image brightness.

# AMD-3100 Ausculette II Electronic Stethoscope



*The AMD-3100 Ausculette II electronic stethoscope provides the highest sound fidelity in the industry with a host of mechanical and electrical signal filters when used in conjunction with the AMD-3200 and AMD-3600.*

## Features

- Delivers excellent sound capture, amplification and attenuation in a single integrated electronic stethoscope unit.
- Provides exceptional performance for heart and lung auscultation as a send or receive station.
- Features output ports for up to five local listeners, making it a popular selection by programs seeking a multi-listener electronic stethoscope used in cardiac auscultation.
- Used in conjunction with the AMD-3200.

## Specifications

- Size (system module):  
2.5" H x 6.25" W x 6" L
- Weight: 1.4 lbs.
- Power: 110 volts AC or two 9 volt batteries
- Battery Life: 6 hours
- Frequency Range: 40 Hz - 2000 Hz
- Audio Frequency Response: 45 Hz - 1.6 KHz

# AMD-3200 Simulscope



*The AMD-3200 Simulscope delivers excellent heart and lung sound capture, and infinite sound attenuation and amplification as part of this popular fully integrated electronic stethoscope system. The choice for the most demanding cardiology and pulmonology applications.*

## Features

- Graphic equalizer and sound attenuation capabilities makes the AMD-3200 Simulscope the preferred choice for heart auscultation and lung auscultation, fully distinguishing heart and lung sounds.
- Transmits the signal to local listeners via infrared, allowing an infinite number of listeners without cables.
- Ideal for grand rounds and teaching applications, in addition to cardiology and pulmonology consultation.
- Used in conjunction with the AMD-3200.

## Specifications

- Size (system module): 2"H x 3.5"W x 10"L
- Weight: 4 lbs.
- Power: 110 Volts AC, .1 amp or optional internal rechargeable battery
- Battery Life: 4 Hours – rechargeable
- Frequency Range: 10Hz - 2000Hz
- Audio Frequency Response: 30Hz - 4KHz

# AMD-3700 Telephonic Stethoscope



***The AMD-3700 features low data bandwidth and high performance. Each model can operate on either transmit or receive mode.***

## **Features:**

- Auscultation bandwidth – 20Hz to 1,400Hz at low data communications bandwidth:19.2 Kb/s
- Same module can be used as a transmit unit or a receive unit
- Detachable headset
- Detachable chest piece assembly
- Plugging in the chest piece automatically switches unit from receive to transmit mode
- Volume control for adjusting level to the headset
- Bell/Diaphragm (B/D) switch to enhance the auscultation exam for both cardiac & pulmonary
- Bell position has bandwidth of 20Hz to 250Hz with enhanced low frequencies for optimal emphasis of heart sounds
- Diaphragm position extends the high frequencies to 1,400Hz for emphasis of pulmonary sounds
- Small size: 2.6" W x 4.3" D x 0.9" H

## **Communication Options:**

### Data Channel of Video Conferencing Equipment:

- Sends auscultation bandwidth on same transport as video using the videoconferencing data channel.

### PC to PC:

- Use serial port of a PC connected to the IP network.

### Modem to Modem:

- Use modem to send over phone lines.

# AMD-3875 12-Lead Interpretative ECG for PC



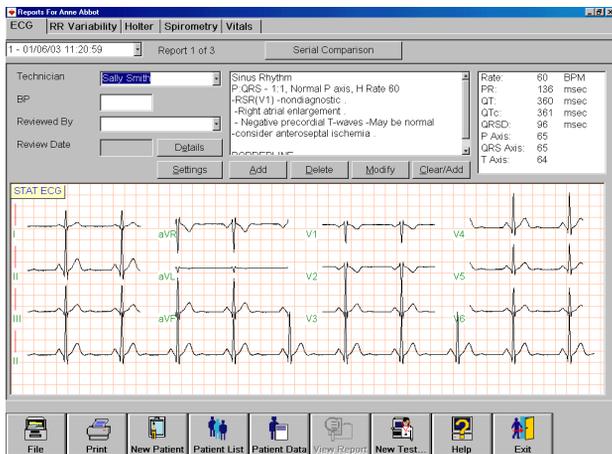
***The AMD-3875 12-Lead Interpretative ECG for the PC makes your job easier with a range of reviewing and editing tools to help increase productivity and efficiency. At the touch of a button, you can capture an abnormal ECG as it appears on screen, enhance the diagnosis with tools like zoom and electronic calipers, quickly edit statements and perform serial comparison.***

## Advantages

- Monitors patient's real-time ECG data
- Open-architecture software design means
- compatibility with most EMR systems
- Easily stores and retrieves ECGs on computer system
- Eliminates manual collection and preparation of data
- Serial comparisons lets you compare up to 4 ECG tests at one time

## Features

- Lightweight, portable design, weighing less than 11 oz.
- View and monitor live, 12-lead ECG in selectable formats on screen
- Interpret and analyze data for neonate, pediatric and adult patients via the 12-lead Resting Electrocardiogram Analysis Program
- Review and edit ECG results on-screen with free text or customizable quick edit statements
- Perform serial comparison with overlay of up to 4 ECG tests
- Save time and reduce data entry errors by populating patient information directly from your EHR/EMR software
- Facilitate paperless office strategy-eliminate costs of thermal paper and the hassles of scanning and filing patient charts



Bienwood Medical Technology

Last Name: Abbot Date Of Birth: 01/11/1978 mm/dd/yyyy  
First Name: Anne MI: Sex: Male Female View Data  
ID: 904 Race: American Indian Edit

Smoking History Contact Info  
Vital Signs Medications History

Vital Signs  
Weight: 160.0 lbs. Temp: deg. F  
Height: 60 inches SpO2: %  
BP: /  
Pulse: BPM  
New Vital Signs Review Vital Signs

Diagnostic Reports

Type	Date*	Reviewed	Reviewed By	Comments/Format
ECG	01/06/03			
ECG	01/06/03			
ECG	01/06/03			

File Print New Patient Patient List Patient Data View Report New Test... Help Exit

# AMD-3920 Digital Spirometer



*The AMD-3920 Digital Spirometer has exceeded the strict requirements of the American Thoracic Society and is easy to use. It gives you all the measurements required from a diagnostic spirometer. Performing Pre- and Post- Bronchodilator test is straightforward for all users and has been a helpful tool to increase success rates in smoking- cessation programs.*

## Features

- Weighs only 10 ounces
- Has met or exceeded the strict requirements of the American Thoracic Society
- Quick and easy to use
- Offers the ability to perform FVC, VC and MVV tests, along with full page reports, including FEV6, which is recommended by NLHEP
- Disposable pneumatic mouthpiece that minimizes the chance of patient cross-contamination
- Ensures safe and convenient testing
- Gives the ability to show patients the current physical condition of their lungs

### Meets or Exceeds these standards:

ATS – American Thoracic Society,  
Standardization of Spirometer

OSHA – Occupational Safety & Health  
Administration

NIOSH – National Institute for Occupational  
Safety and Health

SSD – Social Security Disability

ERS – European Respiratory Society

ECCS – European Community for Coal & Steel

## Specifications

Real-Time Graphics	Flow-Volume, Volume-Time
Reports Full Size 8.5 x 11	Customizable and Pre-programmed
Predicted Equations	Crapo (ITS/ATS), NHANES III (Hankinson), Knudson, Morris, Roca, ECCS, Hsu (Pediatric), Polgar (Pediatric) Zapletal (Pediatric)
Interpretation	ATS, NHANES III (NLHEP)
Calibration	3-Liter Factory Calibrator (also available)
Power	Two 1.5V AAA, Alkaline Batteries
Dimension	7 X 2.25 x 1.5 in.
Weight	10 oz.

## PC Compatibility Requirements

- Microsoft® Windows® - based PC running Windows 95/98, 2000 or NT version 4.0 or higher
- CD-Rom drive
- Intel® Pentium® - class microprocessor or compatible
- VGA display – minimum 246 colors (16-bit recommended)
- Minimum RAM
  - 16MB for Windows 95/98
  - 32MB for Windows NT
  - 64MB for Windows 2000
- Mouse and keyboard
- One RS232 serial or USB port

# AMD-8221 Spot Monitor



*The AMD-8221 Spot Monitor delivers vital signs in seconds. Save time and increase efficiency with all results in 30 seconds. The basic unit offers noninvasive blood pressure (NIBP), Heart Rate and mean arterial pressure (MAP). Additional parameters include Temperature and/or Pulse Oximetry.*

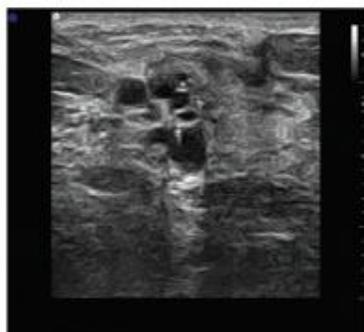
## Features

- SureBP technology measures blood pressure in about 15 seconds as the cuff is inflating, resulting in time savings for you and improved comfort for your patients, pulse rate and MAP included
- Choice of SureTemp® Plus or Braun ThermoScan® PRO 4000 ear thermometer
- Choice of Masimo® or Nellcor® pulse oximetry
- Ability to manually enter weight, height, respiration rate, and pain level; calculates Body Mass Index
- Connects to select Healthometer® or Tanita® digital scales
- 50-reading memory allows retrieval of previous data for review, to print or to download later
- Connectivity-ready
- Error messages give you descriptions and real solutions, not just error codes
- Bigger, brighter LCD display provides greater visibility from farther distances

# AMD-5500 Portable Ultrasound System



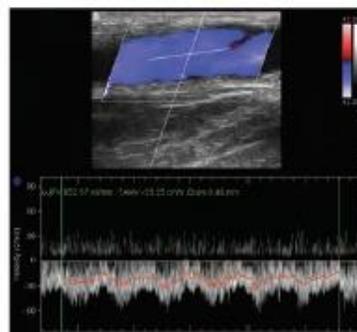
*The AMD-5500 Portable Ultrasound System is a powerful, portable imaging solution that offers image quality, networking and workflow benefits not previously possible in a small system. Recognized for its system performance and image quality, the AMD-5500 Portable Ultrasound System now provides conventional user controls in a slide out console. The AMD-5500 platform with dual real-time operator interfaces is the optimal choice in a portable Ultrasound system, delivering superior image quality, workflow efficiency, standard network connections and protection for your investment. The familiar Windows graphical user interface makes the system intuitive and easy to use, and flexible design allows the system to be instantly convertible from a portable unit to a cart-based system.*



Breast



Vascular



Real-time Triplex

## Digital Image Acquisition, Storage and Management

- Internal hard drive for image and data storage
- Integrated CDRW Drive
- Internal storage for more than 50,000 images
- Storage of static images and dynamic clips
- User-selectable formats for digital storage of static images and dynamic clips:
  - Lossless native format
  - AVI, BMP, TIFF and JPEG formats
  - DICOM 3.0 format

## Imaging Modes

- 2D/B-Mode, Fundamental and Harmonic Imaging
- M-Mode
- Power Doppler
- Directional Power Doppler
- Color Doppler
- Pulsed Wave and Continuous Wave Spectral Doppler
- Duplex Doppler (Simultaneous, Real-Time 2-D and Spectral Doppler Display)
- Triplex Display (Simultaneous, Real-Time 2-D, Color Doppler and Spectral Doppler Display)
- ECG trace

# AMD-2300 Colposcope – Articulating Arm



***AMD's true video colposcope combines light, power, and video to redefine high-resolution imaging. Economical and easy to use, this innovative stand-alone diagnostic tool delivers detail, high quality, and precision.***

## Features

***Polarization filter*** - Unique to the video system, this filter removes glare from image for accurate tissue assessment.

***Patented green filter*** – Electronically removes red from image with no light loss.

***On-screen magnification*** - Magnification index displayed on screen, with a simple push of a button.

***Superior true-color cervical assessment*** – Proprietary Welch Allyn Solarc™ lamp generates light 50% brighter and whiter than any halogen light source for truer tissue color.

***High-resolution image*** – Unique CCD/optics design – 1/4" CCD offers full-screen, high resolution imaging with no couplers or beam splitters to degrade image quality or field of view. It is the *only* direct-to-scan video colposcope in the market.

***Easy to use*** – Compact design with ambidextrous controls facilitates patient access.

***Simultaneous viewing capabilities*** – Ideal for group participation among doctors, patients, and staff.

## Specifications

➤ **Dimensions:** 8.25" (21.0cm)H x 5.75" (14.6cm) W x 3.37" (8.6cm) D

➤ **Weight:** 3.1 pounds (1.4kg)

➤ **Power:** 115 VAC domestic, 220-240 VAC international, 50/60 Hz, 1.0 AMP

➤ **Focal Length:** 300mm (12")

➤ **Magnification (relative to a 13" monitor)** 4.5x –30x (typ.)

➤ **Field of View:** 66mm – 14mm

➤ **Depth of Field:** 112mm –5mm

➤ **Illumination Lamp Type:** 21 Watt metal halide arc

➤ **Lamp Life:** 750hrs @ 1hr per start

➤ **Video Output:** Y/C (S-Video)

➤ **Explosion Proofing:** Use with potentially flammable surrounding is prohibited

➤ **Approvals:** EN60601.1; EN60601.2; CSA; CE

# AMD Telemedicine Professional Services



AMD Global Telemedicine, Inc. is the world's leading supplier of medical technology for clinical telemedicine with over 6,600 installations in 84 countries. This includes; medical devices, complete Telemedicine Encounter Management solutions and application software for both live and 'store and forward' telemedicine.

AMD offers a wide range of customizable, professional services to meet the needs of your telemedicine program. Our professional services were created to help guide you and your program through the process of creating, initiating, installing, supporting and measuring the progress of your telemedicine program.

All AMD Professional Services are delivered utilizing and exercising "Best Practices" as defined within the clinical telemedicine industry. Further, a specific attention to and appreciation of six sigma methodologies is incorporated in our process.

Further, all of AMD's Professional Services are available in an 'a la carte' form or can be packaged specific to your needs.

AMD's range of professional services include, but are not limited to:

## **Clinical Telemedicine Program Discovery and Definition Services:**

- Identify and document the problems, challenges, and/or pathologies
- Identify the range of potential solutions and make recommendations on personnel, resources, process and/or technology required to address and resolve the issue(s)
- Facilitate the definition of the Program's Goal(s) and the definition of success and measurement techniques

## **Clinical Telemedicine Program Initiation Services:**

- Create specifications for all elements of the proposed solution
- Telemedicine Grant Writing Assistance/ Guidance (Future Grants Purposes)

# AMD Telemedicine Professional Services



## Clinical Telemedicine Program Implementation Services:

- Overall, turnkey Project Management – deadline, critical path based for all facets of the Project AND coordination and management of all Vendors
- On-site clinical assessment of workflow and needs; all modalities and all pathologies
- Establish and document relevant Internal Policies, procedures and protocols development
- Coordinate and execute Clinical Training and User Certification -
  - All Exam Room personnel
  - All Consulting Physicians
- Establish and document maintenance and sanitation plans for devices and equipment
- Document and create policy to maintain Telemedicine system FDA MDDS Compliance

## Clinical Telemedicine Program Evaluation Services:

- Document and evaluate total system utilization
- Document and evaluate results and outcomes to goals previously established
- Review User proficiency and perform follow on training as required
- Develop and present Program and technology changes required for maximization

## Notes:

- All AMD Services delivered assume AMD is empowered as the lead facilitator within the client organization unless specified otherwise.
- Consulting engagements assume access to all appropriate client personnel as needed.