

Diagnostic Instruments



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The New American Standard

ADC medical instruments and accessories have been carefully designed to meet the rigorous demands of the most discriminating healthcare professionals throughout the world.

In use on six continents in over twenty different countries, ADC products enjoy a reputation for advanced design combined with skilled craftsmanship.

ADC products are manufactured from the finest materials with an uncompromising concern for quality. Exhaustive inspection of every item by our factory-trained quality control staff ensures strict compliance with ADC standards for performance and durability. And the commitment to manufacturing excellence is backed by the industry's most extensive warranties.

"State-of-the-art" distribution combined with a knowledgeable, courteous staff guarantees that the service you receive will be as outstanding as the products we deliver.

So compare the quality, performance, and most importantly, the value of ADC products to any others you can buy.

You'll discover that there's really...
no comparison at all!



Proscope™ 2.5v Portable



Proscope™ 2.5v Complete Instrument Set

ADC's Proscope™ portable instruments offer a wide selection of diagnostic capabilities at budget friendly pricing. Rheostatic "C" cell battery handle with bayonet mount (page 9) provides variable light control. Instrument heads available include direct view Otoscope (page 6), Mayfield Ophthalmoscope (page 7), bent arm illuminator, and various attachments including disposable and reusable ear specula. Individual instruments offered in nylon case, instrument sets complete in fitted zippered case. Components manufactured in Pakistan. Inspected, assembled and packaged in the USA. 1 year warranty.

Component Model	5220 Otoscope	5240 Ophthalmoscope	5312-3 Dermoscope	5215-TH Throat Illum.	5211-AD Specula Adapter	5215-NS Nasal Spec.	5215-TD Tongue Dep.	5215-M* Mirrors Dep.	Handle(s)	5211-1 5211-2 5211-3 Spec.	Hard Case	Soft Case 5411-ZC
5211	X				X				5211-5	X		X
5212		X							5211-5			X
5312			X						5260			X
5210	X	X			X				5211-5	X	5210-ZC	
5215	X	X		X	X	X	X	X	5211-5	X	5215-ZC	

Diagnostix™ 2.5v Pocket



Diagnostix™ 2.5v Pocket Set

(page 6) and 2.5v Pocket Ophthalmoscope (page 7) instrument heads. Xenon illumination provides bright white light and true tissue color. Instruments available individually or in complete two instrument diagnostic sets. Offered in either hard fitted or soft nylon storage case, "AA" batteries included. Disposable specula included with Otoscopes. Spare lamps included (except 5110E). Components manufactured in Dubai, China and Taiwan. Inspected, assembled and packaged in the USA. 2 year instrument warranty, lifetime on optics.

Component Model	5120N Otoscope	5140N Ophthalmoscope	5160N Handle	Hard Case	Soft Case 9251XXS
5110E	X	X	X	X	
5110NS	X	X	X (x2)		X
5110N	X	X	X (x2)	X	
5111NS	X		X		X
5111N	X		X	X	
5112N		X	X	X	
5112NS		X	X		X

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Sourced Globally

Assembled Locally

We contract with the world's leading manufacturers to produce components to our exacting specifications. Then, using custom built inspection equipment, and factory trained personnel, we subject those components to rigorous testing before the instruments are assembled and packaged in our NY facility.

We're one of the few firms to hold our own 510(k) and be classed as a manufacturer of EENT instruments.



Wide selection of instruments to meet virtually any need.

We offer EENT and physical exam instruments in economical 2.5v and state of the art 3.5v systems. Portable, pocket, desk and wall configurations designed to meet virtually any budget or clinical setting.

Over 700 model options are possible. And all backed by the industry's most comprehensive warranties.



Instrument heads for virtually any physical exam:

We offer up to 4 different instrument heads – Oscopes for examination of the inner ear; Ophthalmoscopes – for examination of the eye; Throat Illuminators for examination of the mouth and throat; and Dermascopes for examination of the skin.



Power Supply from alkaline to A/C mains and everything in between.

Our 2.5v Portable and Pocket instruments are available with alkaline battery handles in pocket ("AA") and portable ("C") sizes.

Our 3.5v rechargeable battery handles (portable and desktop platforms) utilize Li-ion battery technology – the same found in state of the art smart phones, tablets and electric cars. Combined with the super-efficient LED lamps, our Li-ion battery provides up to 50 hours continuous operation between charges (compared to just 2 to 3 for NiMH or Nicad) and a whopping 1200 charging cycles – 2.5x that of NiMH or Nicad.

That means nearly 4 years of daily recharging – even longer if charged less often. 3.5v instruments are also available with 120v corded A/C (or 230v) power supply.



Diagnostix™ Portable Sets

3.5v Diagnostic EENT instruments are among the most critical toolsets in a clinician's repertoire to perform a comprehensive physical exam. ADC Diagnostix™ brand EENT instrument sets help the practitioner perform fast exams and accurately diagnose a range of patient conditions thanks to innovative optical and lighting technologies. With continued advances in instrument technology, long-lasting power sources, and new advances in lighting technology that feature LED options, your EENT instruments can not only help you perform a thorough and comprehensive exam, but also can help you operate quickly and efficiently.



Features

- Choose from 3.5v Diagnostix™ Coax or Coax Plus Ophthalmoscope
- 3.5v Diagnostix™ Otoscope
- Li-ion Adtronic™ battery handle for improved performance. 30 hours continuous use between charges. 1200 charging cycles
- Soft and hard case options depending upon configuration
- 3.5 throat illumination systems available
- Choose from Halogen/Xenon or AdLED LED lighting technology
- 2 year warranty on instrument head and handle, lifetime on LED lamp

Component Model	5420 Otoscope	5440 Coax Ophthalmoscope	5442 Coax Plus Ophthalmoscope	5426 Throat Illuminator	5450 Dermoscope	5460 Handle	Hard Case	Soft Case
5410	X	X				X	X	
54102	X		X			X	X	
5411	X					X		X
5412		X				X		X
54122			X			X	X	X
5416				X		X		X
5413L					X	X		X

Diagnostix™ 3.5v Desk



Diagnostix™ Desk Charger - Item 5500

Desk charging station for two Diagnostix™ rechargeable handles (5560). Included reducing sleeve allows use with smaller “AA” sized handles. Colored LED's indicate power to the unit and charging state. 24hr charging time. Storage compartment will accommodate a small selection of specula or spare lamps. Includes wall mount bracket for permanently mounting to wall or cabinet. Compact and portable.

Available in 120v or 230v with Euro plug.

Component Model	5420 Otoscope	5440 Coax Ophthal.	5442 Coax Plus Ophthal.	5560 Handle (x2)	5500 Desk Charger
5510	X	X		X	X
55102	X		X	X	X

Illumination – Lots of options.

Our portable 2.5v instruments are available with low cost vacuum lamps. Pocket instruments are equipped with Xenon illumination for a brighter, whiter light (3200k).

Our 3.5v instruments are available with either Halogen/Xenon or state of the art LED lighting for the ultimate performance.



Halogen/Xenon combines the best of both inert gas technologies providing a bright white light (3200k color temperature) with cooler operating temperatures.

But it is our 3rd generation LED technology that takes lighting to a whole new level.

Our new AdLED™ provides near perfect performance with a color temperature of 4200k, 17,000 lux, a > 90 color rendering index (CRI), and a life expectancy of 100,000 hours (compared with 20-30 hours for Halogen). In fact, when combined with our Li-ion battery technology it extends performance to levels never before achieved in an EENT instrument.

Adtronic™ Light control

Our 2.5v portable instruments offer mechanical rheotstatic light control.

But it's our 3.5v instruments that really shine. Our patented Adtronic™ electronic rheotstatic light output control provides infinite, continuously variable control - electronically. And because it's electronic we could build in an auto off feature after 2 minutes to further conserve battery strength and lamp life.



Comprehensive Warranties

Like all ADC warranties, our Diagnostix™ and Proscope™ brand EENT instrument warranties are the industry's most comprehensive.

- Proscope™ 2.5v Portable instruments are warranted for one year.
- Diagnostix™ Pocket 2.5v instruments are warranted for one year.
- Optical components are warranted for life.
- Diagnostix™ 3.5v instrument heads, handles, and desk charger are warranted for 2 years.
- Diagnostix™ Adstation™ Wall transformer and extension modules are warranted for 5 years.
- Diagnostix™ AdLED™ lamps are warranted for LIFE.
- Special Medical student warranty: Diagnostix™ 3.5v portable set warranties are covered through the second year of residency.



EENT Instrument Heads

Otoscopies



Diagnostic™ 3.5v Otoscope Instrument Head - Item 5420

- Fiberoptic light transmission for an unobstructed view
- Optical glass reduces reflection and provides 3x magnification
- Bidirectional swivel lens allows instrumentation
- Insufflator fitting for pneumatic otoscopy
- Compatible with Welch Allyn specula
- Instrument head uses universal bayonet mount for compatibility with other brands of 3.5 volt power supply handles
- Anti-theft locking feature is standard. Works with 5460, 5560, 5660 handles
- Choose from Halogen/Xenon or advanced LED illumination
- Manufactured in Germany, inspected and packaged in the U.S.A.
- 2 year warranty on instrument
- Lifetime on LED lamp

(Specify "X" for Halogen / Xenon, or "L" for LED)



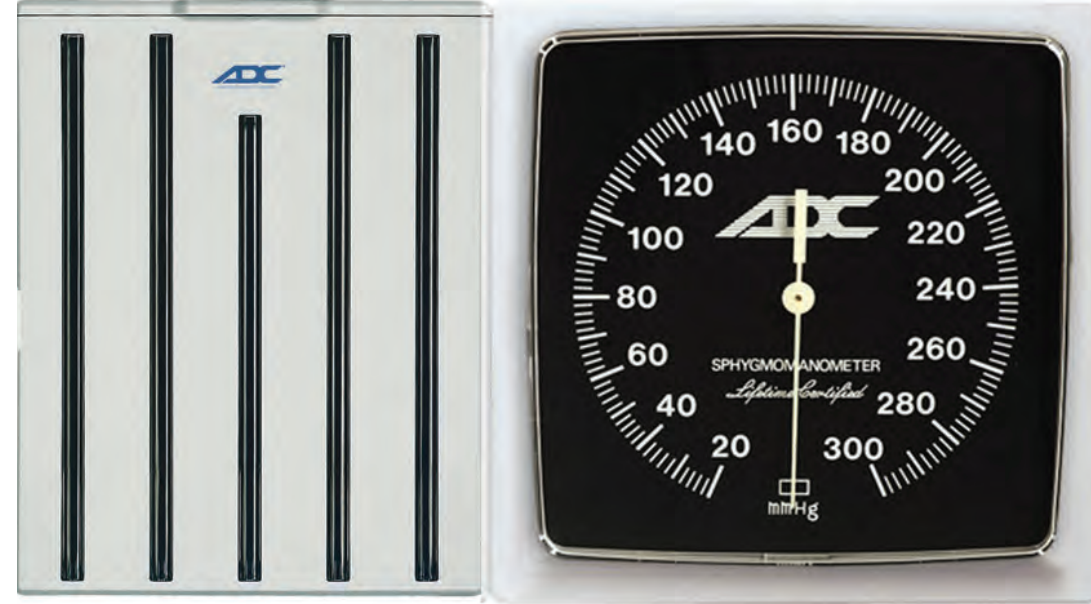
Diagnostic™ 2.5v Pocket Otoscope Instrument Head - Item 5120N

- 2.5v Xenon lamp for true tissue color
- Fiber optics for cool, obstruction-free light transmission
- Wide angle swivel 2.5x viewing lens permits instrumentation
- Insufflator port (fitting and insufflator sold separately) for pneumatic otoscopy
- Works with 5160N handle
- 1 year warranty on instrument
- Manufactured in Dubai, inspected and packaged in the USA



Proscope™ 2.5v Otoscope Instrument Head - Item 5220

- 2.5v vacuum lamp
- Direct illumination
- Bayonet locking mount
- Removable 3x magnifying lens
- Includes autoclavable, polypropylene ear specula in sizes 2.5mm, 3.5mm, and 4.5mm
- Welch Allyn disposable specula adapter included
- Works with 5211-5 battery handle
- 1 year warranty
- Manufactured in Pakistan, inspected and packaged in the USA



Basic Diagnostic™ Adstation™ (5610L-3)



Diagnostic™ Adstation™ with Advview™ (5610L-39W)

Ophthalmoscopes



Diagnostic™ Coax and Coax PLUS 3.5v Ophthalmoscope Instrument Heads

- High performance aspherical condenser lens reduces corneal reflection
- Ergonomic design and integral thumb rest improves stability and allows one finger control of all functions
- Synthetic rubber brow rest facilitates use with practitioner eyeglasses
- Dust proof
- Magnified/illuminated aperture viewing window
- Instrument head uses universal bayonet mount for compatibility with other brands of 3.5 volt power supply handles
- Anti-theft locking feature is standard
- Choose from Halogen/Xenon or advanced LED illumination
- 2 year warranty on instrument
- Lifetime on LED lamp

Coax PLUS Ophthalmoscope features - Item 5442:

- 89 viewing lenses - (Plus) single step from 1-45 - (Minus) single step from 1-44
- Secondary focusing wheel with zero retention for quick correction of ametropias. Use this to provide virtually unlimited fine focus OR as a fast focus in lieu of the 89 viewing lenses
- 28 aperture/filter combinations for improved versatility



5442



5440

Coax Ophthalmoscope features - Item 5440:

- 29 viewing lenses from -35 to +40 (Plus) 1-10, 12, 15, 20, 40 - (Minus) 1-10, 15, 20, 25, 30, 35)
- 24 aperture/filter combinations for improved versatility

(Specify "X" for Halogen / Xenon, or "L" for LED)



Component Model	5420 Otoscope	5440 Coax Ophthalmoscope	5442 Coax Plus Ophthalmoscope	5630 Specula Dispenser	5426 Throat Illuminator	5450 Dermoscope	750W Clock Aneroid	9000BP **	9000BPTO **	9000BPS **	9000BPSTO **	5660T Transformer	5660E Extension	Wall Board
5611*	X											X		
5611*-3	X			X								X		
5612*		X										X		
56122*			X									X		
5616*					X							X		
5613L						X						X		
5610*	X	X										X	X	
5610*-3	X	X		X								X	X	
5610*-3W	X	X		X								X	X	X
56102*	X		X									X	X	
56102*-3	X		X									X	X	
56102*-3W	X		X									X	X	X
5610*-37W	X	X		X			X					X	X	X
5610*-39W	X	X		X				X				X	X	X
5610*-39W	X	X		X					X			X	X	X
5610*-39W	X	X		X						X		X	X	X

NOTE: Advview must be ordered as a separate item.

* Indicates lamps: X = Halogen/Xenon, L = LED, A = LED Otoscope & Halogen/Xenon Ophthalmoscope, B = Halogen/Xenon Otoscope & LED Ophthalmoscope

** For Bluetooth EMR - Use 9001 prefix

Other options available: visit our website for additional options

Diagnostix™ 3.5v Adstation™



A complete diagnostic solution that puts a full assortment of core diagnostic tools within easy reach. Modular system allows practitioner to start with a single EENT instrument, then add up to three additional EENT instruments, a clock aneroid sphygmomanometer or the revolutionary Advview™ modular diagnostic station.

The Advview™ can be configured with BP along with Temp and SpO₂ in up to 8 configurations. Optional Bluetooth for EMR connectivity. Over 500 different instrument configurations available.

Features:

- Start with as little as a single instrument wall transformer and expand with up to 3 more connected extension modules
- Choose from 3.5v Diagnostix™ Coax or Coax Plus Ophthalmoscope
- 3.5v Diagnostix™ Otoscope
- 3.5v Diagnostix™ Throat Illumination head available
- 3.5v Diagnostix™ Dermoscope head available
- Choose from Halogen/Xenon or AdLED™ LED lighting technology
- Optional Diagnostix™ Clock Aneroid with cuff storage basket, coiled tubing, adult and large adult inflation systems

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- Optional Advview™ Diagnostix™ Station with NIBP can be expanded to include Temp and SpO₂ or any combination in up to 8 configurations with optional Bluetooth connectivity
- Optional Wallboard for simplified wall mounting
- UL Approved
- Lifetime Warranty on clock aneroid, 3 years on inflation system
- 5 year warranty on wall transformer and extension modules
- 2 year warranty on Advview™, and instruments heads
- Lifetime warranty on LED lamps

EENT Instrument Heads

Diagnostix™ 2.5v Pocket Ophthalmoscope Instrument Head - Item 5140N

- 2.5v Xenon lamp for true tissue color
- 5 aperture selections (small spot, large spot, semicircle, fixed and red-free filter)
- 19 viewing lenses from -20 to +20 diopters for better resolution
- Illuminated magnified lens dial
- Rubber brow rest
- Meets or exceeds ISO 10942, ISO 15004-1, and ISO 15004-2
- Works with 5160N handle
- 1 year warranty on instrument
- Manufactured in Dubai, inspected and packaged in the USA



Proscope™ 2.5v Ophthalmoscope Instrument Head - Item 5240

- 2.5v vacuum lamp
- 24 corrective lenses from -25 to +40 diopters
- Medium spot aperture
- Bayonet locking mount
- Works with 5211-5 battery handle
- 1 year warranty
- Manufactured in Pakistan, inspected and packaged in the USA

Throat Illuminator



Diagnostix™ 3.5v Throat Illuminator Instrument Head - Item 5426

- PMMA light transmission
- Tongue blade holder facilitates examination of the mouth and throat
- Manufactured in Germany, inspected and packaged in the U.S.A.
- Eject button discards used tongue blade
- Works with 5460, 5560, 5660 handles
- 2 year warranty on instrument
- Lifetime on LED lamp

(Specify "X" for Halogen / Xenon, or "L" for LED)

Dermoscopes

Diagnostix™ 3.5v Dermoscope Instrument Head - Item 5450

- Direct Illumination
- Optical grade 10x focusable magnifying lens
- Large knurled focusing ring
- Removable contact plate with mm scale
- Comfortable soft synthetic rubber eyepiece may be used with eyeglasses
- Anti-theft locking feature is standard
- LED illumination only
- 2 year warranty on instrument
- Lifetime on LED lamp



Proscope™ 2.5v Dermoscope Instrument Head - 5312-3

- Bright 2.5v Halogen illumination ensures true tissue color for accurate identification
- 10x optic system
- Removable contact plate is auto-clavable
- Large knurled focusing ring
- Comfortable soft synthetic rubber eyepiece
- Reticle contact plate etched onto the lens in millimeters permits easy measurement of suspicious lesions
- Bayonet locking mount
- Works with 5260 battery handle
- 1 year warranty on instrument
- Manufactured in Pakistan, inspected and packaged in the USA



Power Supply



Diagnostix™ 3.5v Rechargeable Handle - Item 5560

- C sized handle with 2600mAh Li-ion battery
- CNC machined from solid brass, the handle is chrome-plated in black with a ribbed surface for a sure grip
- Adtronic™ electronic rheostatic light intensity control provides infinite continuous control and auto off feature after 2 minutes
- Bayonet instrument mount is compatible with all major brands of 3.5v instrument heads. Requires our desk charger base (part 5500)
- 2 year warranty
- Works with 5420, 5440, 5442, 5450, 5426
- Replacement battery 5560BAT



Diagnostix™ 3.5v Plug-In Rechargeable Handle - Item 5460

- C sized handle with 1400mAh Li-ion battery
- CNC machined from solid brass, the handle is chrome plated in black with a ribbed surface for a sure grip
- Adtronic™ electronic rheostatic light intensity control provides infinite continuous control and auto off feature after 2 minutes
- Top half of handle unscrews to access wall plug (available in US or Euro fittings)
- Bayonet instrument mount is compatible with all major brands of 3.5v instrument heads
- 2 year warranty
- Works with 5420, 5440, 5442, 5450, 5426
- Replacement battery 5460BAT



Diagnostix™ 3.5v Desk Recharger - Item 5500

- Desk charging station for two Diagnostix™ rechargeable handles (5560)
- Reducing sleeve allowing use with smaller "AA" sized handles is included
- Colored LEDs power indicator displays charging state
- Storage compartment will accommodate a small selection of specula or spare lamps
- Includes wall mount bracket for permanently mounting to wall or cabinet
- Compact and portable
- Available in 120v or 230v with Euro plug
- Diagnostix™ rechargeable Li-ion battery handle (5560) offers 2-3 hours continuous use with Halogen/Xenon lamps, up to 50 hours continuous use when paired with LED lamps. 1200 charging cycles
- Works with 5560



Diagnostix™ Adstation™ Wall Transformer

Diagnostix™ Adstation™ Wall Transformer - Item 5660T

Diagnostix™ Adstation™ Wall Extension Module - Item 5660E

- Wall mount power supply that helps improve workflow
- Start with a single power handle and add up to three extension modules
- Magnetic switch activates power when handle is removed from cradle, automatically powers off when handle is replaced
- Adtronic™ electronic rheostatic light intensity control provides infinite continuous control
- Adtronic™ off feature after 2 minutes provides additional safety if instrument is mis-cradled
- Easy to install with included bracket or may be mounted to our wall board systems
- Bayonet instrument mount is compatible with all major brands of 3.5v instrument heads
- Available in 120v or 230v power supply
- Five year warranty
- Works with instrument heads 5420, 5440, 5442, 5450, 5426



Diagnostix™ Adstation™ Wall Extension Module



Diagnostix™ 2.5v Pocket Battery Handle - Item 5160N

- "AA" 2.5v battery handle
- On/Off power switch integrated into pocket clip
- Metal lined thermoplastic barrel
- 1 year warranty
- Manufactured in Dubai, inspected and packaged in the USA
- Works with instrument heads 5120N, 5140N



Proscope™ 2.5v Portable Handle - Item 5211-5 or 5260

- "C" cell 2.5v power supply
- Rheostatic illumination control
- Knurled brass handle for positive grip
- Bayonet locking mount
- 1 year warranty
- Manufactured in Pakistan, inspected and packaged in the USA
- 5211-5 works with instrument heads 5220, 5240, 5215-TH
- 5260 works with instrument head 5312-3