

A&D

Advanced technology for health professionals



UA-767PC Blood Pressure Monitor for Telemonitoring



A leading blood pressure monitoring system among telemonitoring service providers.

A&D Medical has successfully bridged the gap between information technology and medical technology with the UA-767PC. This home blood pressure monitor communicates with your information hub through a serial communication cable and port. Real-time communication is achieved by sending the blood pressure measurement to the information hub immediately.

The UA-767PC can also operate in a batch-mode to send up to 126 measurements with time and date in a single request command.

You can assign and program a unique identification in your service pool specific to the UA-767PC. Prior to sending the device to your patients, you code the device via an RS-232C port.

The UA-767PC is a highly cost-effective vehicle for disease management programs. System integrators can provide units to remotely located patients enabling them to monitor their blood pressure at home. Combine this blood pressure monitor and the *LifeSource*[™] UC-321 personal scale and you have a foundation for a complete telemonitoring system.

With *Doctor Pro*[™] software, healthcare professionals can effectively store and analyze recorded blood pressure data directly from the UA-767PC. The software provides printable summary reports and graphing capabilities in addition to controlling the UA-767PC monitor.

For questions about A&D blood pressure monitors, call our toll-free line at 1-800-726-3364 and a specially trained representative will assist you.

- Professional accuracy via oscillometric method
- One button operation
- Provides time and date stamp
- Clinically validated according to British Hypertension Society (BHS) standard, *Blood Pressure Monitoring*, Vol. 5, No. 4, October 2000
- Memory storage for 126 blood pressure readings
- Communicates with PC via built-in RS-232C port
(RS-232C cable not included)
- Downloadable data
(software required)
- *Doctor Pro* software available for data management and analysis



UA-767PC Blood Pressure Monitor

To obtain an accurate reading, it is important to use the correct cuff size. A cuff that is too small will result in a higher than expected reading and a cuff that is too large will result in a lower than expected reading. The UA-767PC includes a medium cuff and other cuff sizes are sold separately to accommodate your patient's needs.


Accessories

| PART # | DESCRIPTION |
|--------------|--|
| UA-279 | Small Blood Pressure Monitor Cuff: 5.1 - 7.9" (13 - 20 cm) |
| UA-280 | Medium Blood Pressure Monitor Cuff: 7.5 - 12.2" (19 - 31 cm) |
| UA-281 | Large Blood Pressure Monitor Cuff: 11.8 - 17.7" (30 - 45 cm) |
| UA-380 | Medium <i>EasyCuff</i> ™ Feature: 7.5 - 14.2" (19 - 36 cm) |
| UA-700CH | Cuff Hose |
| AX-K01502-US | Serial Interface Cable |

Technical Specifications

| | |
|------------------------|--|
| Dimensions | 6.5" (l) x 4.4" (w) x 2.7" (h) (163.7 mm x 111 mm x 66.7 mm) |
| Weight | 11.2 oz. (320 g) without batteries |
| Display | Digital, 16 mm character height Pressure and pulse displayed simultaneously |
| Data Output | RS-232C |
| Method | Oscillometric |
| Measurement Range | Pressure: 20 mmHg to 280 mmHg; Pulse: 40 to 200 pulses/minute |
| Accuracy | Pressure: ±3 mmHg or ±2%, whichever is greater; Pulse: ±5% |
| Pressurization | Automatic, using micropump |
| Depressurization | Automatic constant speed exhaust valve |
| Power Supply | Four type AA alkaline batteries (1.5 volt). Batteries not included. |
| Battery Life | Approx. six months with one daily measurement |
| Operating Environment | 50° - 104° F (10° to 40° C) |
| Storage Environment | 14° - 140° F (-10 to 60° C) |
| Built-in Clock Display | 24-hour display, leap-year compensation (battery back-up using R6P batteries) |
| Data Memory | 126 (blood pressure/pulse value with time and date stamp) |

Blood pressure measurements determined with this device are equivalent to those obtained by a trained observer using the cuff/stethoscope auscultation method within the limits prescribed by the American National Standards Institute (ANSI/AAMI SP10) for electronic sphygmomanometers. Manufactured by an ISO 9001 and ISO 13485 registered company. Engineered in Japan. Made in China.



Works with a Personal Scale
Combine the UA-767PC with a *LifeSource* UC-321 series Personal Scale and you have the foundation for a complete telemonitoring system. The UC-321 scale includes:

- RS-232 Port
- Maximum capacity 350 lb (150 kg)
- 0.1 lb resolution (50 g)

Doctor Pro™ Software (TM-2430-13)

Software sold separately

HARDWARE REQUIREMENTS

| | |
|------------------|--|
| CPU | Intel 80486DX/equivalent or higher |
| RAM | 16MB Min. |
| Operating System | Windows® 95, 98, 2000, ME, XP |
| Monitor | SVGA (800 X 600 dots), 256 colors or more |
| Peripherals | 3.5"/1.44 MB floppy disk drive |
| Hard Disk | 1.5 MB Min. |
| Serial Port | Standard RS-232C Port |
| Printer | Printers supported by Microsoft® Windows® Operating System |



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The UA-767PC monitor can play an important role in developing healthcare networks.

System integrators can provide UA-767PC units to remotely located non-ambulatory patients, enabling patients to monitor their blood pressure at home.

With the UA-767PC's powerful memory and date stamp features, professionals can send monitors home with their patients and then analyze their data with the *Doctor Pro* software.

Through remote monitoring, healthcare providers may potentially lower the number of hospital stays as the result of regularly monitoring vital signs.

Ask your A&D Sales Representative about these products and accessories designed for telemedicine.

- Blood Pressure Monitors
- Personal Scales
- Serial Cables
- Serial Ports

QuickMedical is an authorized distributor for A&D Medical - LifeSource.

For any questions call us toll free at 1-888-345-4858

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