



AAA Ultrasound training Model

Instructions and User Guide

1/13/2009

Giving you the confidence only experience can offer™

Congratulations on your purchase of Blue Phantom's™ ultrasound simulation model(s) for hands-on training. Every product we manufacture at Blue Phantom is specifically designed to be the most realistic and resilient ultrasound simulation phantoms available anywhere. Our high standards for quality manufacturing and design guarantee that you receive only the absolute best.

About Blue Phantom

Blue Phantom™ brings you the most realistic and durable ultrasound hands-on training models available anywhere. At Blue Phantom we know that learning to use ultrasound requires practice. You gain confidence and skill through experience. That is why we offer you the best ultrasound simulation training available.

Blue Phantom Warranty

Blue Phantom takes pride in its quality design and manufacturing standards. Our products are warranted to you by Blue Phantom for 1 year from the date of purchase against defects in workmanship and materials. During the warranty period, a defective part or product will be replaced either with a new or reconditioned part or product, depending on the availability at the time.

This warranty covers normal consumer usage and does not cover damage incurred through use not consistent with the product design. Failure that results from alteration, accident, misuse, vandalism, or neglect is not covered under this warranty. This warranty does not extend to any products that have been used in violation of written instructions.

WARNING

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR ACCESS PORT) OF MODELS CONTAINING AUTOMATED PUMPING SYSTEMS. REFER SERVICING TO QUALIFIED PERSONNEL. DO NOT EXPOSE ANY ELECTRONIC COMPONENTS TO RAIN OR MOISTURE. DO NOT SUBMERGE TO CLEAN. UNPLUG UNIT FROM WALL OUTLET BEFORE CLEANING.

IMPORTANT SAFEGUARDS

1. Read Instructions – All safety and operating instructions should be read before the unit is operated.
2. Upon receiving unit, inspect to make sure that all electronic access ports are sealed shut. If any are open or accessible, please report this immediately to Blue Phantom
Telephone: (425) 828-7886
Email: customersupport@bluephantom.com
Web: www.bluephantom.com
3. Retain Instructions – The safety and operating instructions should be retained for future reference.
4. Heed Warnings – All warnings in the operating instructions should be adhered to.
5. Follow instructions – All operating and maintenance instructions should be followed.
6. Unplug unit when not in use
7. Never push objects of any kind into the unit as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill liquid of any kind into the unit.
8. Cleaning – unplug unit from the wall outlet before cleaning.
9. Water and Moisture – Do not use this unit near water – for example near a bathtub, wash bowl, sink, in a wet environment, or the like.
10. Accessories – Do not place this unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall causing serious injury to a child or adult, and serious injury to the unit.
11. CAUTION: Please use extreme care when using needles and sharp objects as to not accidentally injure yourself during training.
12. Servicing – Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel.
13. Power Sources – units with electronics should only be operated from the type of power source indicated on the marking label. If you are not sure of the type of power supply you are using, consult your local power company.
14. Grounding or Polarization – This unit may be equipped with either a polarized 2 wire AC (Alternating Current) line plug (a plug having one blade wider than the other) or 3-wire grounding type plug, a plug having a third (grounding) pin.
15. The 2-wire polarized plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety features of the polarized plug.
16. The 3-wire grounding type plug will fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety features of the polarized plug.
17. Power cord protection – Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon them or against them, paying particular attention to cords of plugs, convenience receptacles, and the point where they exit from the unit.

AAA Model Use and Care Instructions

Model # BPAAA1500 /BPAAA1500-HP

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Included in this package

- AAA Ultrasound Training Model
- Use and Care Instructions
- Low voltage transformer (AC pumping models only)

Introduction to Your Training Model

This model is intended as a platform for AAA ultrasound hands-on technique training. The model is designed to be extremely realistic thus mimicking the feel and imaging characteristics of an actual AAA ultrasound exam. In order to get the most out of your training platform, it is important that you properly care for your model.

Using your Training Model

1. Place the model in an appropriate position for scanning.
2. Place ultrasound gel on the model or on the ultrasound transducer in adequate quantities so that the probe slides effortlessly across the surface of the model. Add more gel as necessary.
3. Adjust the ultrasound system controls per the manufacturer's instructions, increasing and decreasing the depth and gain controls until the desired image is obtained.

Using the Hand Pump Models

1. Position the model in a supine position. Please observe the Quick Fill port with luer lock connector. The Quick Release Fitting attaches to the manual pump conduit and will simulate a pulsating artery when squeezed.
2. Note the combination seal between the Quick Release Fitting and the manual pumping cord. This will allow you to remove the cord from the Release Fitting without any leakage of blood to clean and/or replace the ultrasound tissue insert.

Cleaning and Storing Your Model

After each use your model can be easily cleaned using mild soapy water. Use a soft cloth to dry after cleaning. It is preferred to dab the tissue module dry rather than rubbing it as this will help preserve the finish of the tissue by minimizing scuffing. The model can be stored at room temperature either in the storage container or in the open.

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Help and Technical Assistance

Blue Phantom is committed to providing you with superb products and uncompromising customer support. Should you require assistance feel free to contact us directly at (425) 881-8830.