



**ENERGY DELIVERY TESTING  
PROTOCOL**  
Technical Note  
H017-014-025-3

**Subject:** samaritan® PAD Series Defibrillators (models 300/300P).

**APPROVED DEFIBRILLATOR TESTERS FOR samaritan® PAD SERIES DEFIBRILLATORS**

**Fluke Biotek Defibrillator Tester QED 6**

**MUST HAVE BEEN CALIBRATED AFTER 1<sup>st</sup> JUNE 2006**

**ALL OTHER DEFIBRILLATORS TESTERS MAY DAMAGE samaritan® PAD SERIES  
DEFIBRILLATORS**

It is strongly recommended that HeartSine samaritan® PAD series defibrillators should not be tested using standard ECG simulators which have not been approved by HeartSine. The samaritan® PAD series defibrillators have no serviceable parts nor do they require in-service energy measurement testing. The samaritan® PAD series defibrillators energies are performance tested at HeartSine. However, if a technical professional wishes to check the functionality of the device or measure the output energy of the defibrillator, HeartSine Technical Support or your authorized HeartSine distributor should be contacted for authorization and instruction on how to conduct the testing. It is essential the following protocol **MUST** be followed using only the recommended **Fluke Biotek QED6 Tester**.

**ENERGY MEASUREMENT TEST**

**Test Equipment**

Fluke Biotek Defibrillator Tester QED 6, rev. 2.11 or higher  
Test PAD PAK (Power supply included)

**Procedure**

1. Connect the PAD to the QED6 using test PAD PAK
2. Ensure energy is set to hi range 1000J and switch on tester.
3. Select energy (F1) then VTACH3 (F1).
4. Press the PAD on/off key (green button).
5. The PAD will analyze charge and advise shock.
6. Press shock key (orange button).
7. Verify the defibrillator tester displays  $\pm 10\%$  of energy level.

**WARNING:**

- Any testing undertaken is done so at the risk of the operator and HeartSine Technologies is not responsible for any untoward outcomes as a result of such testing.

**IMPORTANT:**

- Fluke Biotek QED6 must be calibrated by an approved Fluke Biotek distributor.
- If any other defibrillator testers are used this may damage your device and will invalidate the device warranty.
- If you have any questions please contact your authorised HeartSine Distributor or HeartSine Technical Support.

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