

AEM[®] Monitor with Universal Adapter

Troubleshooting Guide

ENCISION[®]

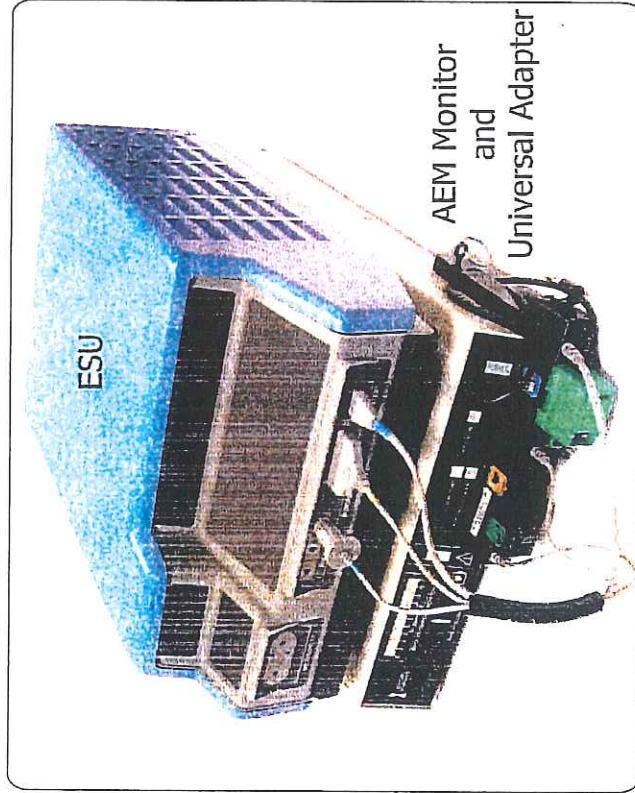
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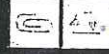
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Doc# 02678-000

- ① Verify that the power cord is plugged into an energized wall socket.
- ② Turn the Power Switch **OFF** and wait 30 seconds before turning the Power Switch **ON**.



POWER LIGHT NOT ILLUMINATED



Power

AEM Cord

Insulation

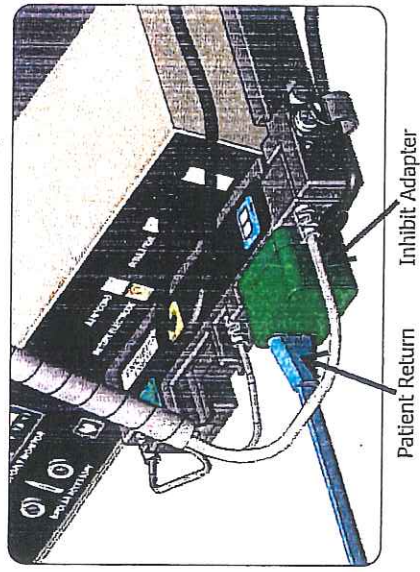
Ready

Return Electrode

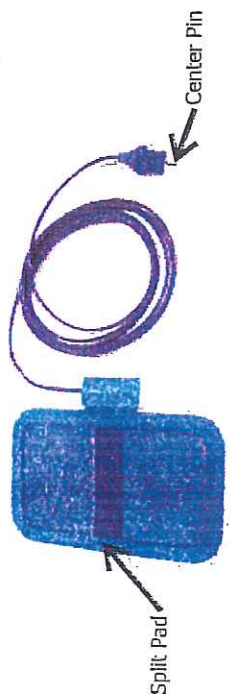
AEM Monitor
and
Universal Adapter

ESU

1 Verify that the **Patient Return Electrode Pad** connector is pushed completely into the **GREEN** Inhibit Adapter.



2 If the fault persists, verify that the correct **Patient Return Electrode Pad** is being used (split pad, center pin). Replace with the correct pad if necessary.



3 Ensure that the split pad is securely attached to the patient.

4 If the fault persists, replace the **Patient Return Electrode Pad**.

CAUTION: Do not use the AEM Monitor without both the **GREEN** Inhibit Adapter plugged into the Universal Adapter, and the Universal Adapter's **BLUE**-banded Return Electrode cord plugged *fully* into the ESU socket. This is the means by which the AEM Monitor signals the ESU to stop output when the an insulation or connection failure is detected.

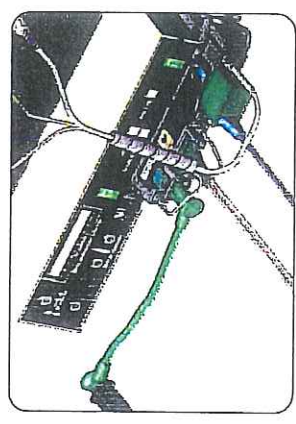
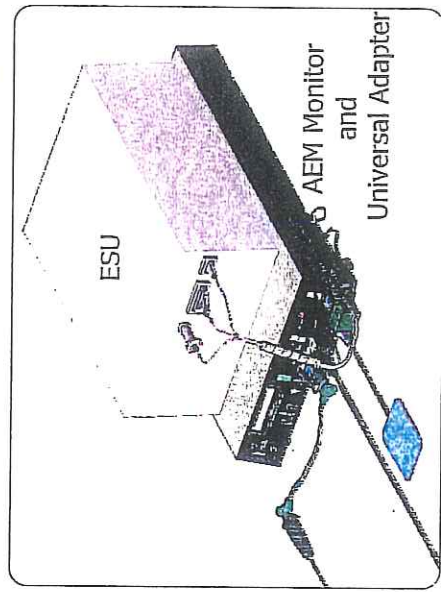
POWER 

AEM Cord  Insulation  Return Electrode 

READY 

RETURN ELECTRODE LIGHT ILLUMINATED

- ① Ensure that the power settings on the ESU are sufficient.
- ② If a foot switch is being used, ensure that the pedal is connected to the ESU.
- ③ Reset the ESU's pad monitor (applies to some models of ESUs).
- ④ Ensure that the ESU is functioning properly (refer to manufacturers instructions).
- ⑤ Verify that the GREEN-, YELLOW- and BLUE-banded plugs are firmly installed in the appropriate ESU receptacle (see the Instrument Setup Guide in the IFU).
- ⑥ Verify that the Inhibit Adapter is installed properly (see the Instrument Setup Guide in the IFU).
- ⑦ Verify that the instrument in use is properly installed (see the Instrument Setup Guide in the IFU).
- ⑧ If the fault persists after all of the previous steps have been performed, use another AEM instrument.
- ⑨ If the fault continues to persist, replace both the AEM Monitor and Universal Adapter.



NO POWER TO INSTRUMENT

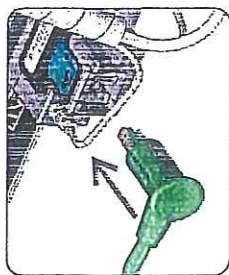
① Remove all installed AEM instruments and cords. Do not remove the Patient Return Electrode Pad. (Wait until the red light is no longer illuminated—the red light will remain ON for up to 30 seconds)

② Re-install the AEM Instrument and cords **ONE AT A TIME** and proceed to steps 3 or 4.

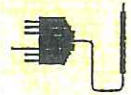


③ Re-Installing the foot-controlled instrument

③a Reattach the AEM cord (with the instrument) so that it is firmly plugged in. (see the Instrument Setup Guide in the IFU)

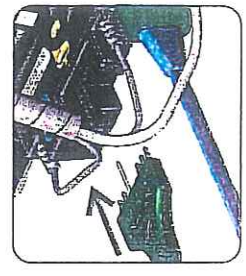


Wait until the red light is no longer illuminated. The red light will remain ON for up to 30 seconds.



④ Re-Installing the hand-controlled instrument

④a Reattach the instrument cord so that it is firmly plugged in. (see the Instrument Setup Guide in the IFU)



Wait until the red light is no longer illuminated. The red light will remain ON for up to 30 seconds.

⑤ Activate the ESU. If the Insulation Light  does not illuminate, the instrument is functional.

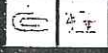
⑥ If the Insulation Light illuminates and the alarm sounds, the instrument or the AEM cord is not functioning properly. Replace the instrument and the AEM cord **ONE AT A TIME** to determine which may be defective. □ Repeat steps 3 or 4 after replacing each part.

⑦ If the fault continues to persist, replace both the AEM Monitor and Universal Adapter.

INSULATION LIGHT ILLUMINATED



AEM Cord
Return Electrode



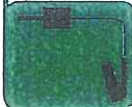
Insulation



READY




- ① Remove all installed AEM instruments and cords. Do not remove the Patient Return Electrode Pad.
- ② Verify that the Universal Adapter is firmly installed on the AEM Monitor (See the Instrument Set up Guide).
- ③ Reinstall the AEM Instruments **ONE AT A TIME** and proceed to steps 4 or 5.




④ Re-Installing the foot-controlled instrument

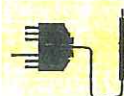
④a Reattach the AEM cord so that it is firmly plugged in. (see the Instrument Setup Guide in the IFU)



④b If the AEM Cord Light is not illuminated, the instrument is functional.

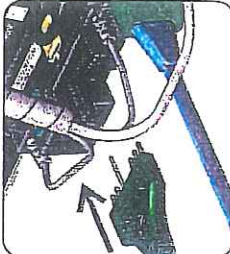


④c If the fault persists, remove the instrument. Clean the Instrument/Cord connection and reinstall the Instrument and Cord on the AEM cord.



⑤ Re-Installing the hand-controlled instrument

⑤a Reattach the Instrument cord so that it is firmly plugged in. (see the Instrument Setup Guide in the IFU)



⑤b If the AEM Cord Light is not illuminated, the instrument is functional.

- ⑥ If the fault continues to persist, the Instrument or the AEM cord is not functioning properly. Replace **ONE AT A TIME** to determine the corrective action.
- ⑦ If the fault continues to persist, replace both the AEM Monitor and Universal Adapter.