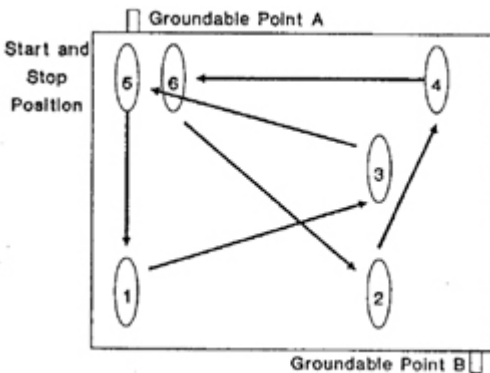


### Prepare the EFM51

1. The EFM should be placed into the conductive foam base.
2. The base should be grounded with a cord plugged into one of the two holes in the base.
3. Place the base with the EFM meter on a flat surface near the floor to be tested.
4. The EFM meter needs to be changed to the walking test mode called "Max Value". Turn the meter on with the function button and wait for "Dist.=2cm" to appear.
5. Hold the function button until "change mode" appears. Press the button until "Max Value" appears (This is 6 button presses). This mode will become active in 2seconds.
6. Hold the probe in one hand and perform the walking test:

The operator walks on the floor section in a six-step pattern and comes to rest with both feet on the floor specimen in front of the EFM meter. The step pattern requires forward and backward steps and a cross over step:



### Understanding the measurements:

Two sets of measurements are obtained during the procedure. The first measures voltage generation during the walking cycle and is defined as the Maximum Body Voltage. The second measures the voltage obtained at the end of the cycle with both feet on the floor specimen and is defined as the Minimum Body Voltage.

### Reading the meter:

1. The upper display line indicates the maximum positive and negative body voltage generated on the person when walking.
2. The lower line indicates the minimum body voltage on the person.