

VM3COP61.20 TOF 3D QA Procedure

1) Open the box and check the following items are present:

- The TOF 3D Neuromuscular transmission monitor
- The complete patient cable
- A technical safety check certificate
- An instructions for use manual
- 4 x AA batteries



2) Check the complete patient lead contains the following:

- The main cable
- The stimulation cable
- The acceleration sensor



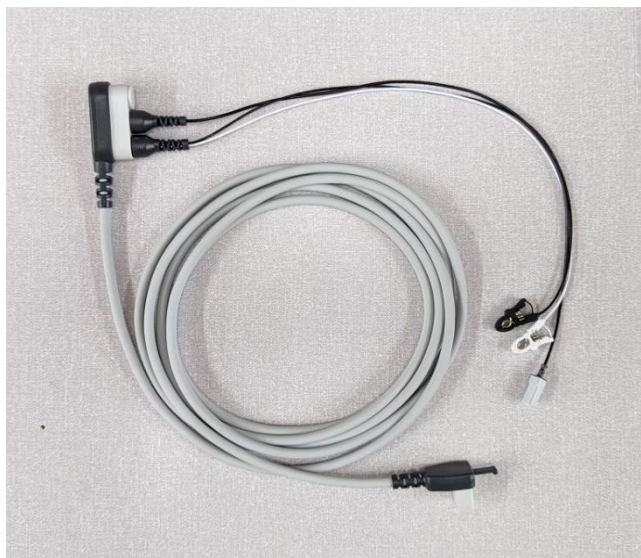
3) Use a size 0 cross head screwdriver to remove the battery cover from the underside of the TOF 3D monitor.



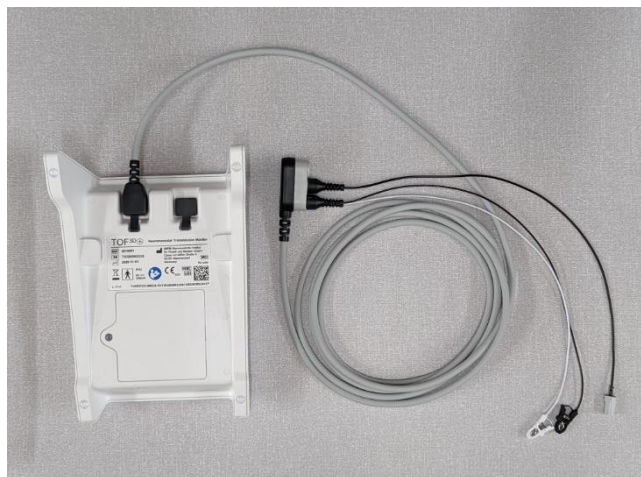
- 4) Observe the battery orientation indicators within the battery compartment and insert the AA batteries accordingly.
- 5) Replace the battery cover.



- 6) Connect the stimulation and acceleration cables to the main cable.



- 7) Locate the cable connection port on the underside of the TOF 3D monitor and connect the complete patient cable.



8) If the monitor is not already powered up, press the on/off button on the keypad.

9) Using the arrow keys, enter the time and date.



10) The monitor will now be in an operational mode.



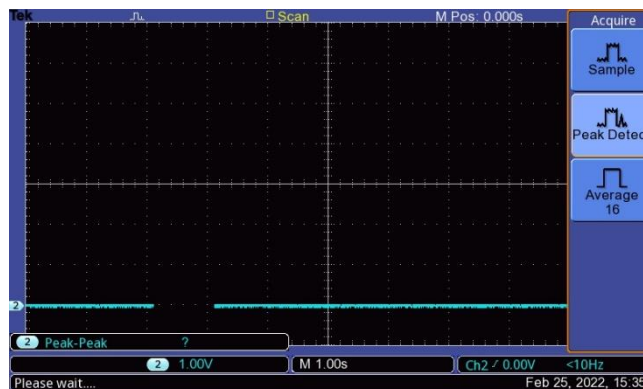
11) Connect the stimulation cable to the dummy load.

12) Connect the BNC cable to the dummy load at one end and a digital oscilloscope at the other.

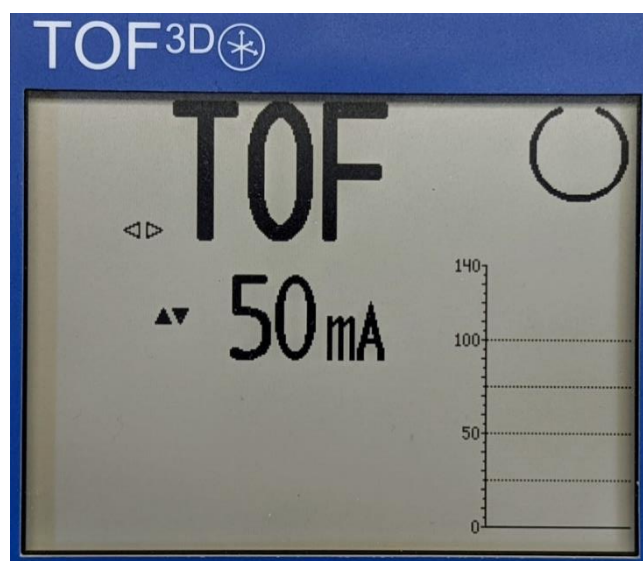


13) Set the oscilloscope:

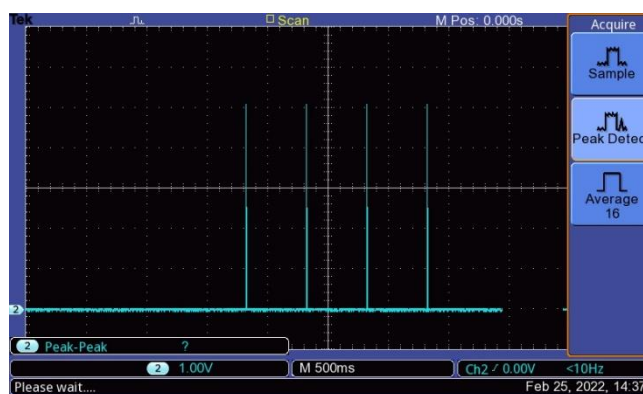
Press the Acquire button. Select the peak detect mode. On the vertical scale, select the 1.00V per division. Adjust the horizontal scale as appropriate for each test (one second per division is a good starting point).



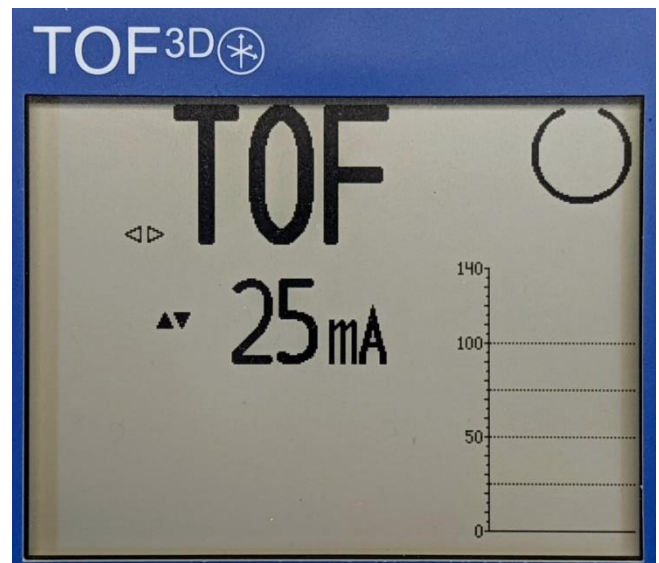
14) Set the TOF 3D monitor to the TOF mode with an output of 50mA.



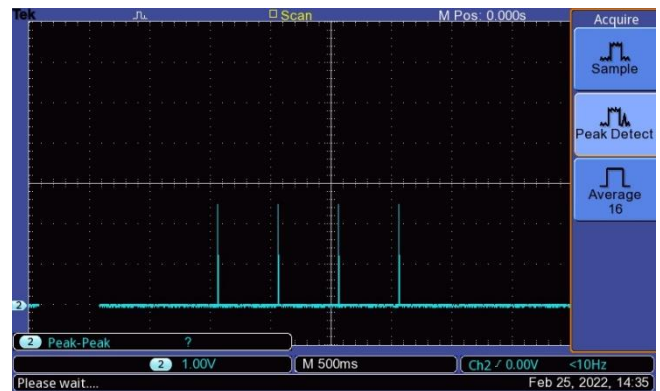
15) Activate the TOF mode and observe the output displayed on the oscilloscope.



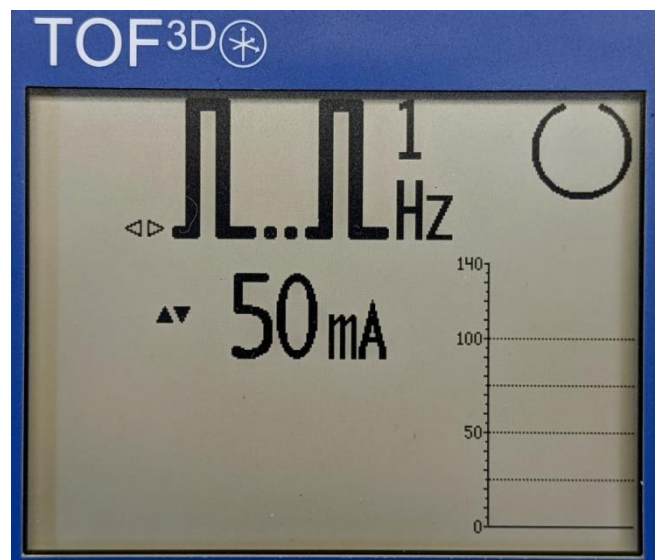
16) Set the TOF 3D monitor to the TOF mode with an output of 25mA.



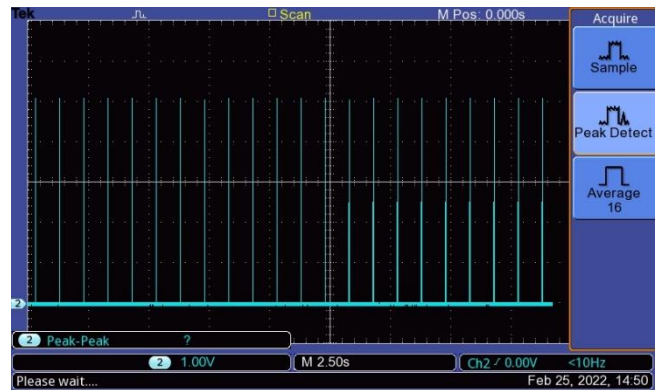
17) Activate the TOF mode and observe the output displayed on the oscilloscope.



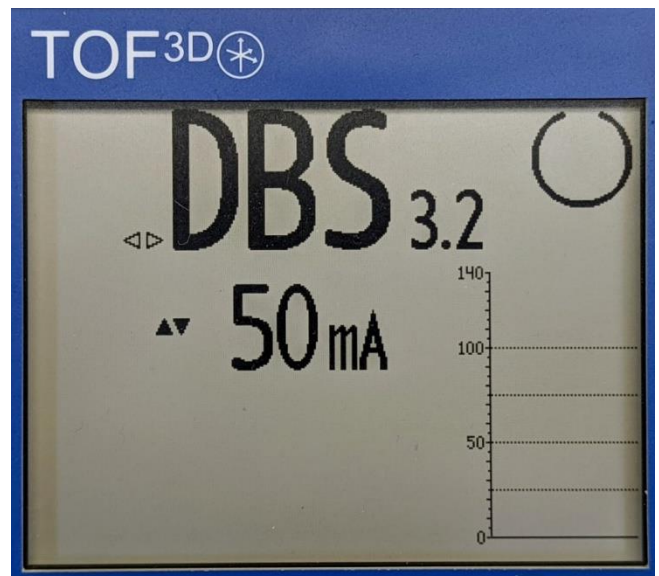
18) Set the TOF 3D monitor to the 1Hz mode with an output of 50mA.



19) Activate the 1Hz mode and observe the output displayed on the oscilloscope.



20) Set the TOF 3D monitor to the DBS mode with an output of 50mA



21) Activate the DBS mode and observe the output displayed on the oscilloscope.

22) Record the QA results in the Intrastats system.

