FAQ FOR BMX TORQUE SENSORS

Q1. What type of tools do the BMX torque sensor test and measure torque?

A1. It calibrates and measures the torque for hand screwdrivers, torque wrenches, and power tools.

Q2. Does it matter what BMX model I use when testing or calibrating a torque tool?

A2. Ensure the torque tool being tested is within the torque range of the BMX model. If the tool is below the minimum torque range capacity of the BMX model, then the accuracy may not be reliable. If the tool exceeds the maximum torque range capacity of the BMX model, you may over torque the BMX and damage the sensor. Exceeding the toque capacity and damaging the sensor is not covered under warranty.

Q3. What type of torque sensor is the BMX?

A3. It is a reaction type of torque sensor

Q4. What is the difference between a reaction torque sensor and rotary torque sensor?

A4. A reaction sensor measures stationary torque (static or non-rotational), and rotary measures dynamic (rotational) torque

Q5. Is a run down adapter necessary when testing a power tool?

A5. Yes, a run down adapter (RDA) is a joint simulator necessary for testing power tools. Not using an RDA when testing a power tool may damage the BMX sensor.

Q6. Does the BMX torque sensor need to be mounted to a workbench, cart, or bracket?

A6. The BMX torque sensor needs to be mounted securely before operating. Immobilizing the sensor is critical for the operator's safety and for the accuracy of torque measurements during operation. Not having a BMX sensor in a secure position during operation can impact the validity of torque readings. Mountz offers mounting brackets for the BMX torque sensors.

Q7. How do I view the torque reading when using the BMX sensor?

A7. The BMX sensor operates in conjunction with a torque analyzer. It must be connected to a torque analyzer to display a torque reading and store the test data (if the torque analyzer is capable).

Q8. Can the BMX torque sensor be plugged into any torque analyzer?

A8. The sensor can only operate with a torque analyzer that allows an external torque sensor to be connected. You must select the proper cable connecting the sensor to the torque analyzer.

Q9. Is the BMX torque sensor supplied with a cable for connecting to a torque analyzer?

A9. No, it is not supplied with a cable. It is purchased separately. You must select and purchase the appropriate cable connecting to the torque analyzer.

Q10. What is the Peak mode function with a torque analyzer?

A10. It measures and retains the highest torque applied.

Q11. What is the First Peak mode function with a torque analyzer?

A11. It measures and retains the point at which the torque peaks. This mode is used in testing "click" wrenches.

Q12. Can Peak and First Peak measurements modes be used with the use of the BMX torque sensor

A12.Yes, it can be used for both mode functions as long as the torque analyzer it is connected to supports those options.

Q13. Is it supplied with a calibration certificate?

A13. Yes, it is supplied with a Free ISO 17025 Certification of Calibration.