

# BMX TORQUE REACTION SENSORS

- Torque Sensor for testing and calibrating hand screwdrivers, wrenches and power tools
- Features ARC II technology, an instant auto-recognition system of the BMX connected to the PTT or LTT torque testers
- Supplied with a Free ISO 17025 Certification of Calibration
- Mountable and bi-directional
- Accuracy  $\pm 0.25\%$  of reading



Models	Item #	American	S.I.	Drive Size
BMX20z	077000	2 - 20 ozf.in	1.5 - 14 cN.m	1/4" F/Sq
BMX40z	077001	4 - 40 ozf.in	2.9 - 28.2 cN.m	1/4" F/Sq
BMX80z	077002	8 - 80 ozf.in	5.7 - 56.5 cN.m	1/4" F/Sq
BMX10i	077003	1 - 10 lbf.in	11.3 - 113 cN.m	1/4" F/Sq
BMX25i	077004	2.5 - 25 lbf.in	28.25 - 282.5 cN.m	1/4" F/Sq
BMX50i	077005	5 - 50 lbf.in	56.5 - 565 cN.m	1/4" F/Sq
BMX100i	077006	10 - 100 lbf.in	113 - 1130 cN.m	1/4" F/Sq
BMX250i	077007	25 - 250 lbf.in	282.5 - 2825 cN.m	1/4" F/Sq
BMX500i	077008	50 - 500 lbf.in	565 - 5650 cN.m	3/8" F/Sq
BMX750i	077009	75 - 750 lbf.in	847 - 8473 cN.m	3/8" F/Sq
BMX50F	077010	5 - 50 lbf.ft	6.8 - 67.8 N.m	3/8" F/Sq
BMX100F	077011	10 - 100 lbf.ft	13.56 - 135.6 N.m	1/2" F/Sq
BMX250F	077012	25 - 250 lbf.ft	33.9 - 339 N.m	1/2" F/Sq
BMX500F	077013	50 - 500 lbf.ft	67.8 - 678 N.m	3/4" F/Sq
BMX1000F	077014	100 - 1000 lbf.ft	135.6 - 1355 N.m	1" F/Sq
BMX2500F	077015	250 - 2500 lbf.ft	339 - 3389 N.m	1 1/2" F/Sq
BMX5000F	077016	500 - 5000 lbf.ft	678 - 6779 N.m	1 1/2" F/Sq

## Related Products



### BMX Cables

For connecting the BMX to LTT or PTT  
**Item # 072002**



### BMX Mounting Bracket

#### MB-1 (Item # 062109)

For BMX20z - BMX500F models

#### MB-3 (Item # 062128)

For BMX100F - BMX5000F models

### Cable Connection Diagram

A = Excitation (+)

B = Excitation (-)

C = Signal (-)

D = Signal (+)

E = N/A

F = N/A



**Note!** \*This is the stand alone accuracy for the torque sensor. When the sensor is coupled with a Mountz torque analyzer, there is a system accuracy. Review the system accuracy listed with each torque analyzer.

**Warning:** Always use a run down adapter when testing power tools.