

BMX

Torque Reaction Transducer



Model	Item #	Torque Ranges	
		American	S.I.
BMX20z	068700	2 - 20 ozf.in	1.5 - 14 cN.m
BMX40z	068701	4 - 40 ozf.in	2.9 - 28.2 cN.m
BMX80z	068702	8 - 80 ozf.in	5.7 - 56.5 cN.m
BMX10i	068703	1 - 10 lbf.in	11.3 - 113 cN.m
BMX25i	068704	2.5 - 25 lbf.in	28 - 282.5 cN.m
BMX50i	068705	5 - 50 lbf.in	56.5 - 565 cN.m
BMX100i	068706	10 - 100 lbf.in	113 - 1130 cN.m
BMX250i	068707	25 - 250 lbf.in	282.5 - 2825 cN.m
BMX500i	068708	50 - 500 lbf.in	565 - 5650 cN.m
BMX750i	068709	75 - 750 lbf.in	847 - 8473 cN.m
BMX50F	068710	5 - 50 lbf.ft	6.8 - 67.8 N.m
BMX100F	068711	10 - 100 lbf.ft	13.6 - 135.6 N.m
BMX250F	068712	25 - 250 lbf.ft	33.9 - 339 N.m
BMX500F	068713	50 - 500 lbf.ft	67.8 - 678 N.m
BMX1000F	068714	100 - 1000 lbf.ft	135.6 - 1355 N.m
BMX2500F	068715	250 - 2500 lbf.ft	339 - 3389 N.m
BMX5000F	068716	500 - 5000 lbf.ft	678 - 6779 N.m
BMX10000F	075222	1000 - 10000 lbf.ft	1335 - 13558 N.m
BMX20000F	075221	2000 - 20000 lbf.ft	2711 - 27116 N.m

SPECIFICATIONS

Rated Output: 2mv/v Nominal

Safe Overload: 125% of Rated Output

Bridge Resistance: 350 Ohms Nominal

Nonlinearity: ± .1% of Rated Output

KEY FEATURES

Accuracy ± .25% of full scale
Accuracy ± .5% of full scale (BMX10000F, 20000F)

For calibrating hand screwdrivers, wrenches, and power tools.

Various models that range from 2 ozf.in to 20000 lbf.ft.

Features "ARC" technology, an instant auto-recognition system of the BMX connected to the TorqueMate® Plus. Mountable.

Female square drive.

Bi-directional.

BMX CABLE

Item #065145-XD5

For connecting to TorqueLab® or TorqueMate® Plus

Item #065180

For connecting to Wizard Plus

CONNECTION

A = Excitation (+)

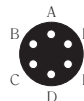
B = Excitation (-)

C = Signal (-)

D = Signal (+)

E = N/A

F = N/A



MOUNTING BRACKET

SEE PAGE 01.19



CERTIFIED

Supplied with NIST-Traceable Certification of Calibration



WARNING!

Always use a run down adapter when testing power tools. Not recommended for impact wrenches.

CONNECT WITH A:



TORQUELAB®

Torque Analyzer with three operation modes and seven units of torque measurement.

SEE PAGE 01.3



TORQUEMATE® PLUS

110V - Item #065032
220V - Item #065034

A portable, accurate and versatile Torque & Angle Analyzer that fits comfortably in the hand.

SEE PAGE 01.5

DIMENSIONS

Model	A	B	C	D	E	F
BMX20z	2.75	2.1	1.7	1/4	0.25	2.175
BMX40z	2.75	2.1	1.7	1/4	0.25	2.175
BMX80z	2.75	2.1	1.7	1/4	0.25	2.175
BMX10i	2.75	2.1	1.7	1/4	0.25	2.175
BMX25i	2.75	2.1	1.7	1/4	0.25	2.175
BMX50i	2.75	2.1	1.7	1/4	0.25	2.175
BMX100i	2.75	2.1	1.7	1/4	0.25	2.175
BMX250i	2.75	2.1	1.7	1/4	0.25	2.175
BMX500i	2.75	2.1	1.7	3/8	0.25	2.175
BMX750i	2.75	2.1	1.75	3/8	0.25	2.175
BMX50F	2.75	2.1	1.75	3/8	0.25	2.175
BMX100F	4	2.75	2.25	1/2	0.413	3
BMX250F	4	2.75	2.25	1/2	0.413	3
BMX500F	4	3	2.4	3/4	0.413	3
BMX1000F	4	3.75	2.38	1	0.406	3
BMX2500F	6	4.65	3.88	1 1/2	0.531	4.75
BMX5000F	6	4.65	3.88	1 1/2	0.531	4.75
BMX10000F	7.75	10.5	6.5	2 1/2	0.75	8.875
BMX20000F	7.75	10.5	6.5	2 1/2	0.75	8.875

