

BRAVO

2-Way Wireless Bluetooth Digital Angle Torque Wrench
with Interchangeable Heads



Model : BVSE-2BT-30PC ~ BVSE-2BT-2000PC
Range : 0 ~ 2000 N-m, 1475 ft-lb

Head : 1/4", 3/8", 1/2", 3/4", 1"
Torque Accuracy : $\pm 1\%$

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Main Features

1. Torque and angle values (data) wirelessly transmitted via Bluetooth.
2. Real-time data monitored.
3. Fully Poka-Yoke system helps to avoid the tightening defect rate.
4. Two -Way PC based communication software works with multiple torque wrenches. Maximum Ten wrenches can be paired on one software. Command can be given from computer to wrench or directly set table on torque wrench.
5. Wireless transmission via Bluetooth within a range of 50 meters for maximum ten torque wrenches can be paired on one PC based Software.
6. Interchangeable Head Type SE Version2.0 can be used with all types of rectangular end fittings.
7. Inbuilt data memory of 250 Torque Values & 9 Pre-sets available.
8. Latest Version Software can be used on PC which can record data from a maximum of 10 Torque wrenches at real time wirelessly.
9. Job Templates & Operation Parameters can be set on software.

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Model No. *1	BVSE-2BT-30PC		BVSE-2BT-60PC		BVSE-2BT-135PC		BVSE-2BT-135PC	
	AA	BB	AA	BB	AA	BB	AA	BB
Torque Accuracy *2	CW : ±1% CCW : ±2%	CW : ±2% CCW : ±3%	CW : ±1% CCW : ±2%	CW : ±2% CCW : ±3%	CW : ±1% CCW : ±2%	CW : ±2% CCW : ±3%	CW : ±1% CCW : ±2%	CW : ±2% CCW : ±3%
Angle Accuracy	±2° (rotating 90° at a speed of 30°/sec)							
Square Drive (inches)	¼ Interchangeable drive 9*12		3/8 Interchangeable drive 9*12		3/8 Interchangeable drive 9*12		1/2 Interchangeable drive 14*18	
Max. Torque & Angle	30 N-m / 22.12 ft-lb 265.5 in-lb / 306.1 kg-cm / 999°		60 N-m / 44.24 ft-lb 1195 in-lb / 612.2 kg-cm / 999°		135 N-m / 99.5 ft-lb 1195 in-lb / 1378 kg-cm / 999°		135 N-m / 99.5 ft-lb 1195 in-lb / 1378 kg-cm / 999°	
Torque & Angle Measuring Range	1.5~30 N-m / 1.11~22.12 ft-lb 13.3~265.5 in-lb / 15.3~306.1 kg-cm/ 1~360°		3~60 N-m / 2.21~44.24 ft-lb 26.5~530.9 in-lb / 30.6~612.2 kg-cm/ 1~360°		6.8~135 N-m / 5~99.5 ft-lb 60~1195 in-lb / 69~1378 kg-cm/ 1~360°		6.8~135 N-m / 5~99.5 ft-lb 60~1195 in-lb / 69~1378 kg-cm/ 1~360°	
Accuracy Guraranteed Range	6~30 N-m / 4.4~22.12 ft-lb 53~265.5 in-lb / 61~306.1 kg-cm		12~60 N-m / 8.8~44.24 ft-lb 106~530.9 in-lb / 122~612.2 kg-cm		27~135 N-m / 19.9~99.5 ft-lb 239~1195 in-lb / 276~1378 kg-cm		27~135 N-m / 19.9~99.5 ft-lb 239~1195 in-lb / 276~1378 kg-cm	
Resolution	0.01 N-m / 0.01 ft-lb 0.1 in-lb / 0.1 kg-cm / 1°		0.01 N-m / 0.01 ft-lb 0.1 in-lb / 0.1 kg-cm / 1°		0.1 N-m / 0.1 ft-lb 1 in-lb / 1 kg-cm / 1°		0.1 N-m / 0.1 ft-lb 1 in-lb / 1 kg-cm / 1°	
Bright LED	12 LED/2 Reds+10 Greens							
Data transmission *3	2- Way Wireless							
Transmission distance *4	300 m							
Pre-setting No.	9 Sets							
Data Memory	250							
Unit Selection	N-m, in-lb, ft-lb, kg-cm, Angle							
Operation Mode	Peak hold / Track							
Gear Teeth	36							
Length (mm)	390		415		415		415	
Weight (Kg)	1.44		1.53		1.53		1.53	
Battery *5	AA X 2							

Model No. *1	BVSE-2BT-200PC		BVSE-2BT-340PC		BVSE-2BT-500PC	BVSE-2BT-850PC
	AA	BB	AA	BB	BB	BB
Torque Accuracy *2	CW : ±1% CCW : ±2%	CW : ±2% CCW : ±3%	CW : ±1% CCW : ±2%	CW : ±2.5% CCW : ±3.5%	CW : ±2.5% CCW : ±3.5%	CW : ±2.5% CCW : ±3.5%
Angle Accuracy	±2° (rotating 90° at a speed of 30°/sec)					
Square Drive (inches)	1/2 with Interchangeable drive14*18		1/2 with Interchangeable drive		3/4 with Interchangeable drive	3/4 with Interchangeable drive
Max. Torque & Angle	200 N-m / 147.5 ft-lb 1770 in-lb / 2041 kg-cm / 999°		340 N-m / 250.7 ft-lb 3009 in-lb / 3469 kg-cm / 999°		500 N-m / 4424 in-lb 368.7 ft-lb / 5102 kg-cm / 999°	850 N-m / 7521 in-lb 626.8 ft-lb / 8674 kg-cm
Torque & Angle Measuring Range	10-200 N-m / 7.4~147.5 ft-lb 88~1770 in-lb / 102~2041 kg-cm/ 1~360°		17-340 N-m / 12.5~250.7 ft-lb 150~3009 in-lb / 173~3469 kg-cm/ 1~360°		25~500 N-m / 221~4424 in-lb 18.4~368.7 ft-lb / 255~5102 kg-cm/ 1~360°	42.5-850 N-m / 376~7521 in-lb 31.3~626.8 ft-lb / 434~8674 kg-cm
Accuracy Guraranteed Range	40-200 N-m / 29.5~147.5 ft-lb 354~1770 in-lb / 408~2041 kg-cm		68-340 N-m / 50.1~250.7 ft-lb 602~3009 in-lb / 694~3469 kg-cm		100~500 N-m / 885~4424 in-lb 73.7~368.7 ft-lb / 1020~5102 kg-cm	170-850 N-m / 1504~7521 in-lb 125.4~626.8 ft-lb / 1735~8674 kg-cm
Resolution	0.1 N-m / 0.1 ft-lb 1 in-lb / 1 kg-cm / 1°		0.1 N-m / 0.1 ft-lb 1 in-lb / 1 kg-cm / 1°		0.1 N-m / 0.1 ft-lb 1 in-lb / 1 kg-cm / 1°	0.1 N-m / 0.1 ft-lb 1 in-lb / 1 kg-cm
Bright LED	12 LED/2 Reds+10 Greens					
Data transmission *3	Two-way Bluetooth Wireless					
Transmission distance *4	300 m					
Pre-setting No.	9 Sets					
Unit Selection	N-m, in-lb, ft-lb, kg-cm, Angle					
Operation Mode	Peak hold / Track					
Gear Teeth	36		36		48	48
Length (mm)	530		650		950	1220
Weight (Kg)	2.16		2.34		4.5	5.4
Battery *5	AA X 2		AA X 2		AA X 2	AA X 2

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2-Way Wireless "High Torque" Bluetooth Digital Angle Torque Wrench



Main Features

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2-Way Wireless "High Torque" Bluetooth Digital Angle Torque Wrench

Model	BVSE-2BT-1200PC	BVSE-2BT-1500PC	BVSE-2BT-2000PC
Accuracy *2	CW : $\pm 2.5\%$ CCW : $\pm 3.5\%$	CW : $\pm 2.5\%$ CCW : $\pm 3.5\%$	CW : $\pm 2.5\%$ CCW : $\pm 3.5\%$
Max. Torque	1200 N-m / 885 ft-lb	1500 N-m / 1106 ft-lb	2000 N-m / 1475 ft-lb
Torque Measuring Range	60~1200 N-m 44~885 ft-lb	75~1500 N-m 55~1106 ft-lb	100~2000 N-m 74~1475 ft-lb
Accuracy Guaranteed Range	240~1200 N-m 177~885 ft-lb	300~1500 N-m 221~1106 ft-lb	400~2000 N-m 295~1475 ft-lb
Resolution	1 N-m / 1 ft-lb	1 N-m / 1 ft-lb	1 N-m / 1 ft-lb
Pre-setting No.	9 Sets	9 Sets	9 Sets
Data Memory	250	250	250
Bright LED	12 LED (2Red + 10Green)	12 LED (2Red + 10Green)	12 LED (2Red + 10Green)
Data transmission *3	Two-way Bluetooth Wireless		
Transmission distance *4	300 m		
Length (mm)	1800	1800	1800
Weight (Kg)	9	9	9
Operation Mode	Peak hold / Track	Peak hold / Track	Peak hold / Track
Unit Selection	N-m, ft-lb	N-m, ft-lb	N-m, ft-lb
Square Drive (inches)	1" Interchangeable Head	1" Interchangeable Head	1" Interchangeable Head
Head Type	Lever Type Ratchet	Lever type Ratchet	Lever type Ratchet
Gear Teeth	48	48	48
Button	5	5	5
Battery *5	AA X 2	AA X 2	AA X 2