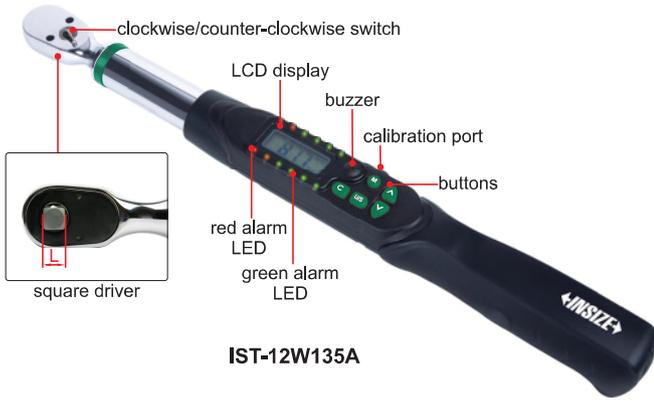


# TWO-WAY BLUETOOTH DIGITAL TORQUE WRENCHES

**BUILT-IN  
BLUETOOTH**

**OPTIONAL ACCURACY:  
CLOCKWISE: ±1%  
COUNTER-CLOCKWISE: ±2%**



## Torque wrench:

- Unit: N.m, in.lb, ft.lb, kg.cm
- Clockwise and counter-clockwise operation
- Peak and track working mode
- Can set tolerance with judgement in peak working mode
- 9 target torque values can be set, with audible and visible alarm:
  - Green LED light on and buzzer sounds when torque value is 80%~99.5% of target torque
  - Both green and red LED light on and buzzer sounds when torque value is over 99.5% of target torque
- Power off in 2 minutes automatically
- Non-slip grip handle
- With overload record (once the torque reaches 110% of the maximum range)

## Data transmission:

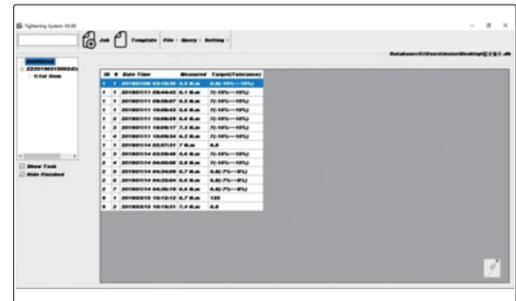
- Data transmission via bluetooth (bluetooth 4.0)
- Two-way transmission and control
- Transmission distance: 10m (no obstacles, no electromagnetic interference)
- Bluetooth connection and disconnection are displayed by indicator light

## Software:

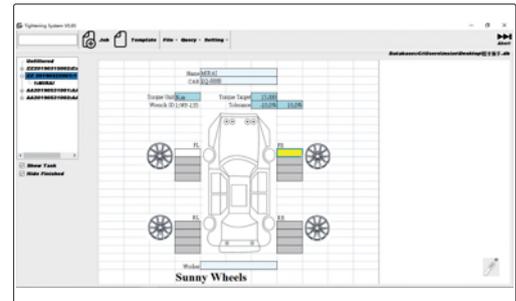
- In Windows10 system version 1709 or above
- Two operation mode:
  - Data transmission mode: wrench transmits actual torque value to software after operation
  - Program guidance mode: firstly set process on software (set sequence of tightening, select wrench and set torque values and tolerances). Then software shows which wrench the operator should use (indicator light of the selected wrench is on) and shows the target torque value, and serial number of the screw to be tightened (shows on the wrench ); After the operation is finished, the actual torque value is sent to software.
- Can select whether the wrench only sends qualified data after operation (in accordance with the tolerance)
- Two data transmission modes: automatic or press button to send
- When the wrench is disconnected, data is stored in the wrench and automatically sent to computer after connection via Bluetooth
- The data in software can be printed or exported to Excel



a computer can be connected with multiple wrenches, the transmission distance is 10 meters (no obstacles, no electromagnetic interference)



data transmission mode



program guidance mode

## SPECIFICATION

Code	IST-12W30A	IST-12W135A	IST-12W200A	IST-12W340A
Range	6~30N.m	27~135N.m	40~200N.m	68~340N.m
Accuracy	clockwise: ±2% counter-clock wise: ±3%			
Tolerance setting range	-20%~+20% (target torque value)			
Resolution	0.01N.m	0.1N.m	0.1N.m	0.1N.m
Square driver (L)	1/4"	3/8"	1/2"	1/2"
Power supply	2xAA batteries			
Length	390mm	415mm	530mm	650mm
Weight	760g	940g	1340g	1540g

## OPTIONAL ACCESSORY

**Calibration cable IST-W-CABLE**