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**IST-20WM SERIES
MECHANICAL TORQUE WRENCHES
(DIGITAL SETTING)
OPERATING INSTRUCTION**

PLEASE SCAN QR CODE TO
WATCH THE OPERATION
VIDEO OF PRODUCTS.



VIDEO



Attention

1. This torque wrench is a precision instrument intended to be used only to tighten screws, bolts and nuts to a desired torque.
2. Do not use it as a "nut breaker", pry bar, hammer, or in lieu of a regular ratchet wrench.
3. Do not apply torque in excess of the maximum capacity of the wrench. Apply load on the grip only, and do not use any handle extension bars (a piece of pipe put over the grip).
4. Make sure that you adjust the wrench to the exact torque units your specifications call for, or you will severely under-torque or over-torque, causing severe damage to the equipment you are working on.
5. Do not disassemble the wrench for any reason. Highly stressed internal components may cause severe injury when released in an unintended manner.
6. The wrench should be re-calibrated periodically. The calibration of the wrench should be checked at least once a year, after any abnormal handling or overloading, or after 5,000 cycles ("clicks").

Head types

Fixed Ratchet head



reversible ratchet: wrench operates in both clockwise and counterclockwise direction. However, unless stated otherwise, the wrench is calibrated in clockwise direction only.



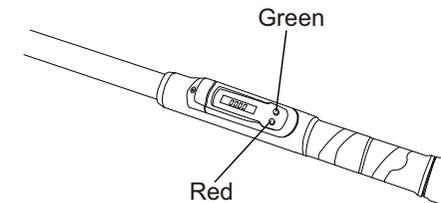
Clockwise operation



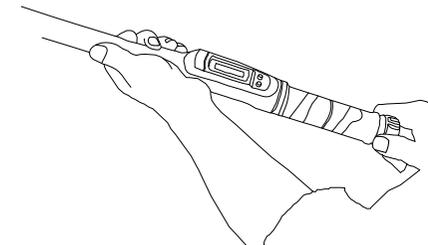
Counter-clockwise operation

Operation Instructions

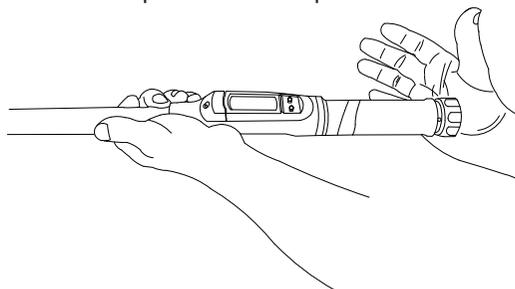
1. Press the red button 2 seconds to start



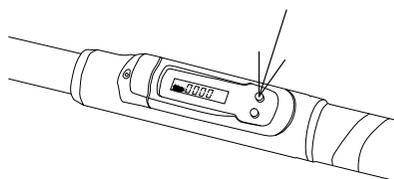
2. Pull out the end cap to adjust the torque.



3. Push back the end cap to lock the torque.



4. Press the green button to switch the torque value.



5. Pressing the green button 2 seconds to start the backlight, pressing the red button 2 seconds to off the backlight.

6. While the display working status, pressing the red button 2 seconds to off the display.

7. 10 minutes not working on the torque wrench, it will be off the display automatically.

Operation



New battery, about 30 hours remaining.



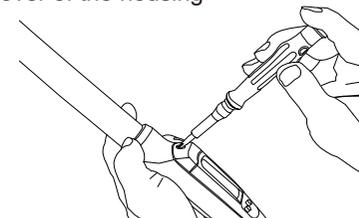
About 10 hours remaining.



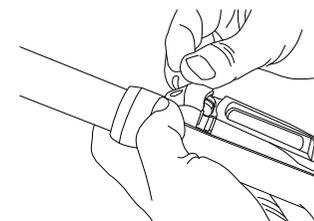
Wrench can not operate. Insert two new batteries

Replace the battery

1. Open the cover of the housing



2. Replace the new battery.



3. Press the red button 2 second to start, the display will show 0000 and it means the battery is ready, then pull out the end cap and push back the end cap to lock, it is ready to operate the wrench.

Safety Warning

Over torqued or defective fasteners, sockets, as well as the wrench itself, may suddenly break causing you to lose balance, fall, or to suffer other trauma. Be sure that you have firm footing, are properly balanced, and if necessary are using appropriate harness, back support, or other safety device.

Maintenance

1. When not in use, adjust the wrench to its lowest reading (except on Preset and Electronic torque wrenches), and store it in the provided case.
2. Remove batteries from Electronic torque wrenches when not in use \ for more than a month.
3. With the exception of the ratchet mechanism, do not lubricate the wrench. The ratchet mechanism may be lubricated as needed with a few drops of light machine oil.
4. Do not use acetone or other solvents to clean the wrench, use window cleaner or denatured alcohol applied with a clean cloth instead.
5. With the exception of the ratchet mechanism, there are no user-serviceable parts. Do not disassemble the torque wrench for any reason. When service is needed, send the wrench to the nearest factory-authorized service center.

