

NEW

Preventing looseness/over-tightening/dispersion of screws, aiming for optimum fitting!

Lab Torque Driver

□ EASY-TO-USE TOOL

The driver can be used just like a screwdriver.

□ HIGH-ACCURACY SPECIFICATIONS

Torque measurement is possible.

□ RELIABLE FUNCTION

Immediate management with sound and light.



Status of Use



Just a piece of this wrench can deal with any implant body!

Dental Technician Only 6~60cN·m

Usage Example of Lab Torque Driver

- For checking the small torque of screws that are to be frequently tightened and loosened.

For screws of large-size models where securing with even torque is required.



For CAD/CAM scanning bodies where attention should be paid to proper fixing.



For long-span bridged screws that constitute the evidence data of laboratory work.



Tightening of lab screws with torque and the applications

- The lab torque drivers are for laboratory use and the presetting type offering excellent workability and the digital type enabling precise torque indication.
- Applications include the use for measurement of tightening and loosening torque related to laboratory work of dental implant.
- For laboratory work where tightening is done at specified torques of around 15 cN·m.
- The tightening torque value can be checked on the LCD display and attainment of the preset torque is notified with LED and buzzer sound, thereby preventing excessive tightening.

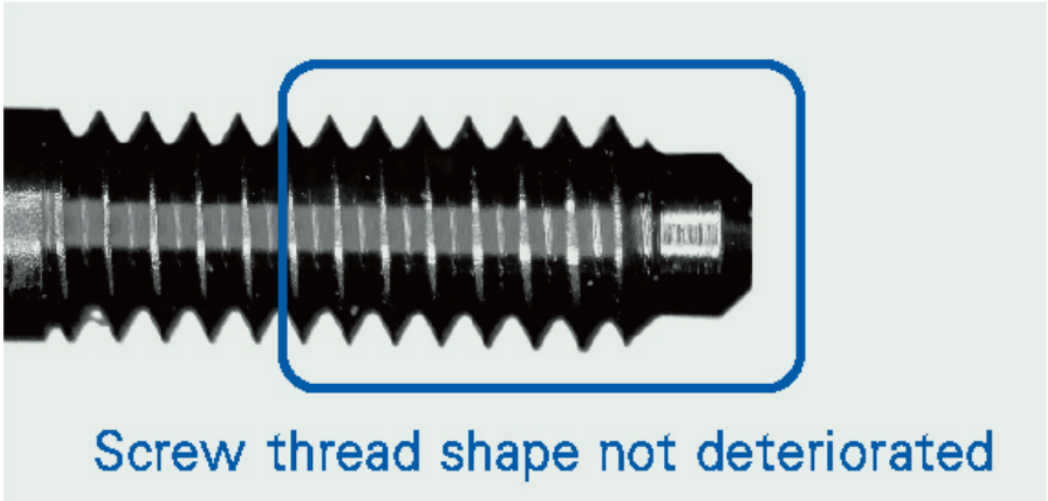
Applicable Implant System (Preset Driver: 6 types)

- SCS (Straumann Type)
- Unigrip (Nobel Biocare Type)
- Hex1.0AK (Ankylos Type)
- Hex1.2SM (Sweden & Martina Type)
- Hex1.2AT (AstraTech Type)
- Hex1.2BM (3i Type)

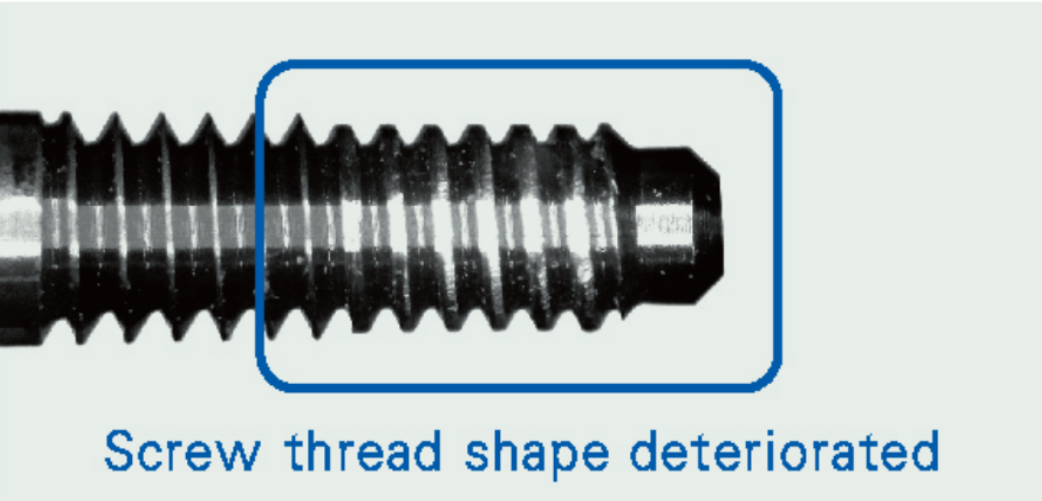
Adverse Effect of Over Torque

Abutment screws and lab screws must be tightened within the range of the specified torque. When the tightening torque is excessive, part of the screw threads will be deformed, and the expected rigidity and performance cannot be obtained. Adverse effect caused by over torque must be avoided at least to prevent deformation of screw threads.

Screw tightened with a torque within the specified torque range



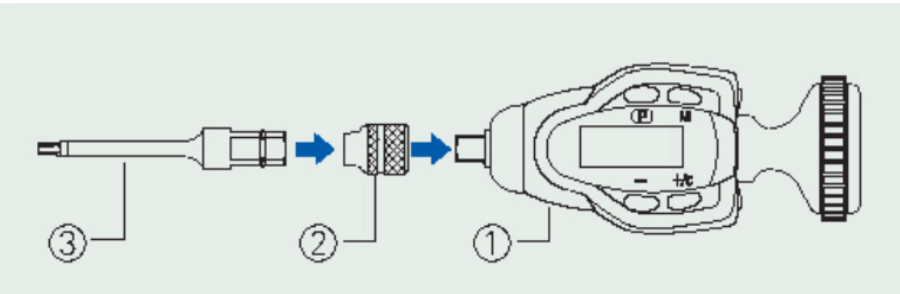
Screw tightened with a torque within the over torque range



Usage of Lab Torque Driver

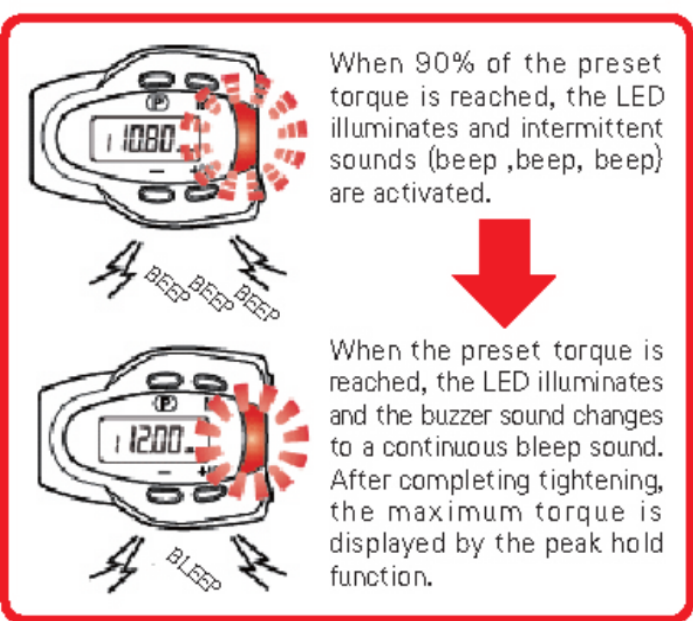
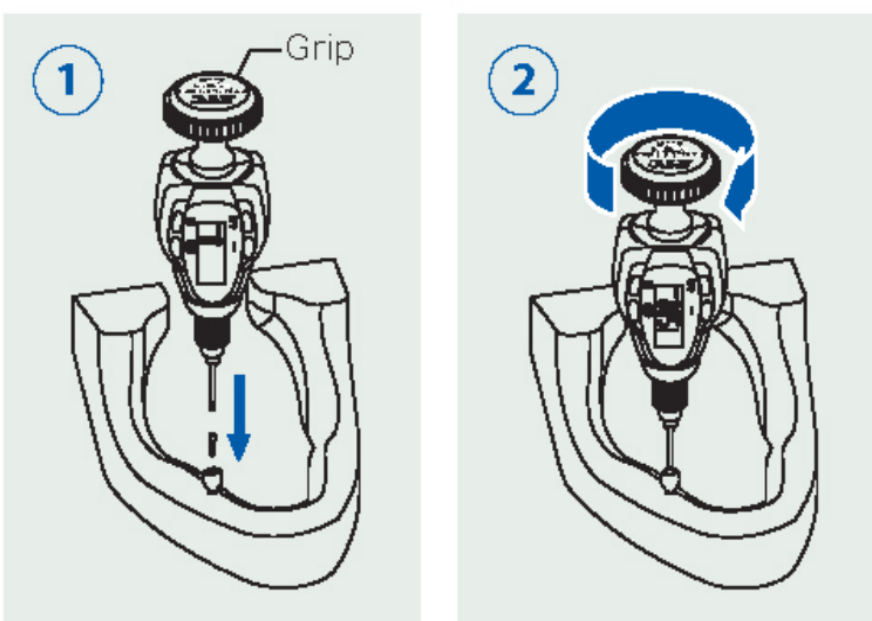
PREPARATION

Mount the Driver Holder (②) and the Driver chosen (③) on Lab Torque Driver (①).



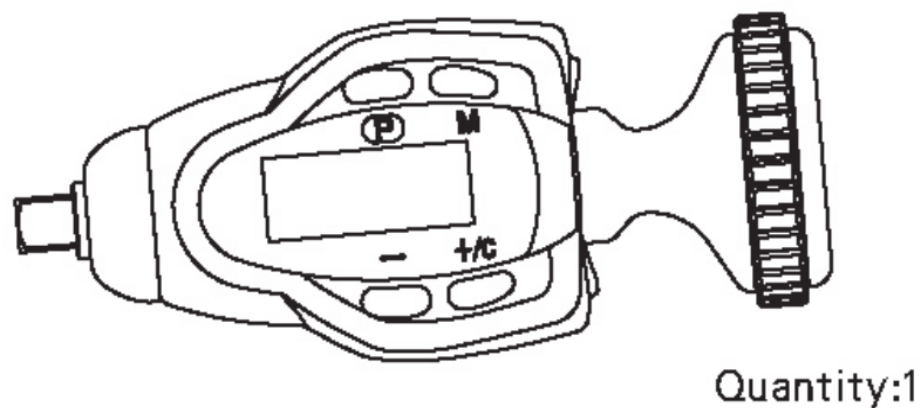
MEASUREMENT

- 1 Set the driver on the object and start the work.
- 2 To measure the torque value, hold the grip and gradually apply the force toward the direction of work.



Bundled Items

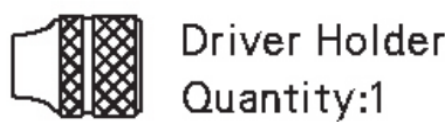
Lab Torque Driver



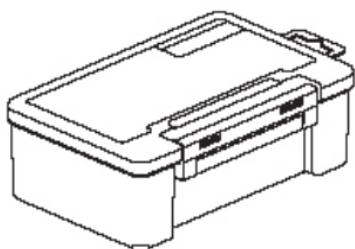
Quantity:1

| | |
|---------------------------------------|--|
| Product Name | Lab Torque Driver |
| Model No. | D601LBD1 |
| Measurement Range (Right and Left) | 6 to 60cN·m |
| Outer Dimensions | Approx.100 (total length) ×41 (W) ×33 (H)mm |
| Weight | Approx.160g (including driver holder and driver) |
| Battery | Coin type lithium battery CR2354 (1 pc.) |
| Battery Service Life | Approx. one month (for use of 100 times/day) |

Incorporated Items



Driver Holder
Quantity:1

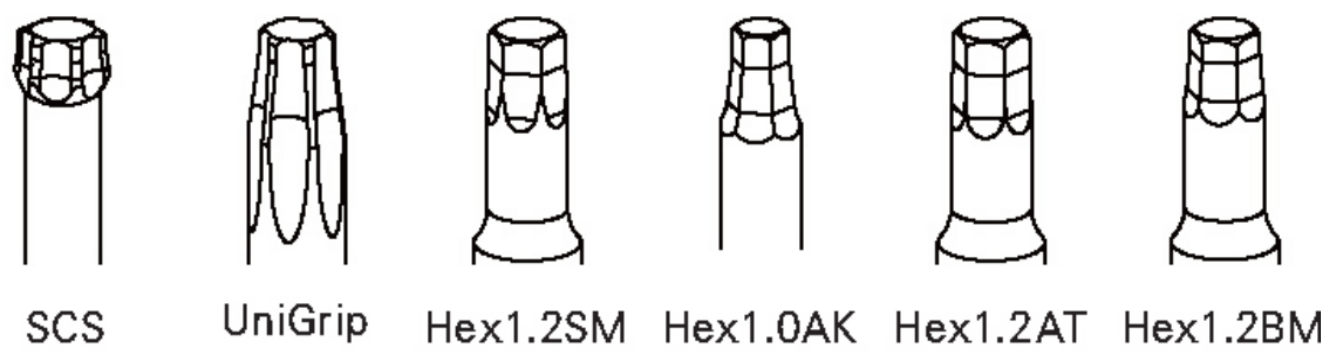


Resin Case
Quantity:1

| | |
|--------------|-------------------------------------|
| Product Name | Driver Holder for Lab Torque Driver |
| Model No. | D601DRH1 |

Optional Items

Lineups of Driver [Option]



| Model No. | Product Name | Product |
|-----------|--------------------|---------|
| D601DSR1 | Driver (SCS) | |
| D601DNB1 | Driver (UniGrip) | |
| D601DSM1 | Driver (Hex 1.2SM) | |
| D601DAK1 | Driver (Hex 1.0AK) | |
| D601DAT1 | Driver (Hex 1.2AT) | |
| D601DBM1 | Driver (Hex 1.2BM) | |

⚠ Lab Torque Driver, Driver Holder and Drivers are purpose-designed for dental implant laboratory work. Never use them in the oral cavity.

[Manufacturer and Supplier] **KTC** KYOTO TOOL CO., LTD. <http://ktc.jp/medical>
(Listed in the second section of the Tokyo Stock Exchange)