

DIGITAL TORQUE TESTER

The down-sized **UDT-200 & UDT-500 series** are designed to fill a definite need for accurate check and adjustment of torque output of oil-pulse tools and hand torque testers. With built-in rechargeable battery in addition to the AC power source, it offers a mobility at different application in your factory. Newly integrated function of the data storage for downloading contributes to the periodic diagnosis of the tools for quality products. By the conventional functions the existing customers have been familiar with same usage in previous models UET-200BP & UET-500BP.

Features

- * Ni-Cad battery operation gives hand-carry mobile use in your assembly site especially for pulse-tools' commencement of one day operation. AC power source from your plug can be used together.
- * 10-hour continuous operation by battery is possible. Full recharging time is approx. 8-hours.
- * Designed compact, amplifier of UDT-200A(E) has only 1.7Kg in weight 43% lighter and W198xD171xH115mm in dimensions 34% smaller than previous model UET-200BP.
- * Memory function can store maximum 250 torque data.
- * Supreme accuracy of within $\pm 0.5\%$ at the rated output.
- * Red color LED display gives clear visual confirmation.
- * PC output terminal RS-232C (9,600 bps) allows RS printer connection.
- * Torque transducer mounted in pickup has optimum function for measure of Oil-Pulse tools. The traceability remains the same as previous models.



Application

- * Torque check and adjustment for standard type of Oil-Pulse tools. (Shut-off type of Oil-Pulse tools needs optional Soft-Joint Attachment.)
- * Torque check and adjustment for Angle Nutrunners using optional Soft-Joint Attachment.
- * Torque check for manual torque wrenches.

WARNING !

- * Never apply torque higher than the specific rated output.
- * Never disassemble. Never give strong shock or vibration.
- * Never use under situation giving direct rays of the sun, high humidity or dust.
- * Never apply the tools of such impacting mechanism as impact clutches, cushion clutches, etc.

SPECIFICATIONS

Model	Recommended Torque Capacity Range	Blow Capacity Range	Accuracy	Dimensions mm(about) (W x D x H)	Weight Kg(about)	Accessories Socket Adapter
UDT-200A -200E	15-200N.m 10-150ft-lb 150-2000kgf.cm	0-99 blows (※)	$\pm 0.5\%$ at rated output	Amplifier (198 x 171 x 115) Pick-up (245 x 125 x 75)	Amplifier (1.7) Pick-up (8.5)	(3/8) 836-520-0 (1/2) 836-520-1
UDT-500A -500E	150-500N.m 110-370ft-lb 15-50kgf.m	0-99 blows (※)	$\pm 0.5\%$ at rated output	Amplifier (198 x 171 x 115) Pick-up (280 x 150 x 90)	Amplifier (1.7) Pick-up (15.0)	(1/2) 836-520-7 (5/8) 836-520-8 (3/4) 836-520-9

(※) on condition that input torque is over 10% of rated output. Operating Environment : (10-40°C), Humidity(20-80%), No Dew

UDT-25 TESTER

UDT-25 is designed to check fastening torque and the number of pulse for the small models (e.g. UL30, 40 and ULT30-50) with the torque capacity range 0.3Nm–25Nm. UDT-25 is also available for torque measurement for US-LT series Torque Control Screwdrivers, US-LD Direct Drive Screwdrivers and hand torque testers. The output of fastening data by RS232C is available so UDT-25 is applicable for the various kinds of purpose.

Features

- * Compact design for torque measurement and torque display sections gives hand-carry mobile.
- * Power source is nickel hydride battery. Full recharging time is 4-hour. 14-hour continuous operation is possible after full charging. *¹
- * Applicable to reversing torque as well. *²
- * Red color LED display gives clear visual confirmation.
- * Supreme accuracy of within $\pm 0.5\%$ at the rated output.
- * PC output terminal RS-232C is standard-equipped.
- * Memory function can store maximum 250 torque data.
- *¹ Never use during charging.
- *² Only forward rotation is available for Soft-Joint Attachment.



SPECIFICATIONS

Model	Applicable Tool Type	Recommended Torque Capacity Range	Blow Capacity Range	Accuracy	Power Source	Dimensions mm(about) (W x D x H)	Weight Kg(about)	Accessories Socket Adapter
UDT-25	Pulse Wrench, Torque Control Screwdriver, Direct Drive Screwdriver, Angle Nutrunner, hand torque tester	0.30-25.00Nm	0-99 blows (※)	$\pm 0.5\%$ at rated output	Built-in Nickel Hydride Battery	190 x 180 x 59	2.3	(3/8) 830-520-6

(※) on condition that input torque is over 10% of rated output. Operating Environment : (10-40°C, no freeze) Humidity(20-80%), No Dew