

TESTERS & OTHERS

DIGITAL TORQUE TESTERS
TESTERS
URYU NETWORK



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 down-loading 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) (WxDxH)	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 (198×171×115) PicK-up (240×125×76)	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 (198×171×115) PicK-up (280×150×90)	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

URYU **UET-10C torque tester** is designed to check output torque of US-LT series Torque Control Screwdrivers & hand torque testers and shows LED digital reading on display.

Furnish your tool control room and laboratory with tester for reception, regular check and torque adjustment of tools.

Features & Specifications

- * LED DIGITAL DISPLAY-Easy reading in the darkness as well.
- * PORTABLE(with a built-in-battery)-Easy use on production lines.
- * APPLICABLE TO REVERSING TORQUE AS WELL.
- * APPLICABLE TO MANUAL TORQUE WRENCHES.
- * EAST OPERATION and HIGH PRECISION.
- * CAPACITY RANGE 0-10.0Nm
- * SIZE (Approx) 190 x 160 x 65mm (7 31/32" x 6 19/64" x 2 9/16")
- * WEIGHT (Approx) 2.3kg (5.1lbs)

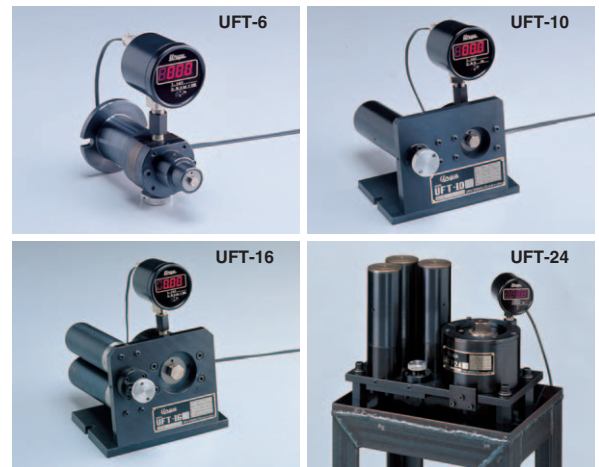


UFT SERIES TESTER

UFT-Fastening Tester is designed to detect and indicate precise fastening torque or tension to simulate joints to various actual fastening applications. Before the fastening operation, tools can be justified by checking with tester to prevent incorrect fastening due to power drop and etc.

SPECIFICATIONS

Model	Bolt Size	Tension Range(kN)	Torque Range(Nm)
UFT-6	M5	3.6-6.1	3.2-5.4
	M6	5.1-13.9	5.4-14.7
UFT-10	M6	5.1-13.9	5.4-14.7
	M8	10.4-22.2	14.7-31.4
UFT-16	M10	17.8-30.6	31.4-53.9
	M12	25.5-41.7	53.9-88.2
	M14	35.7-60.3	88.2-149
UFT-24	M16	52.8-67.4	149-190
	M18	59.9-92.6	190-294
	M20	83.3-125	294-441
	M24	104-162	441-686



UHT SERIES TESTER

The **UHT-series** simply designed hydraulic torque testers are suitable to be applied to Screwdrivers (Cushion, Positive, Impact Clutch types), Impact Wrenches and similar Impact action fastening tools in monitoring torque output of new and repaired tools in comparison with their master tools. The readout in the dial indicator does not show absolute torque value, but just comparative degree of power of the tool being tested.

SPECIFICATIONS

Model	Applicable Tool Type or Square Drive Size	Applicable Torque Range		
		Nm	kgf-m	ft-lbs
UHT-12	Cushion/Positive Clutch	1-8	0.1-0.8	0.7-5.9
UHT-16	Impact Clutch	3-20	0.3-2.0	2.2-14.8
UHT-25	3/8"(9.5mm)	20-50	2-5	14-36
UHT-35	1/2"(12.7mm)	50-300	5-30	36-215
UHT-50	3/4"-1"(19.0-25.4mm)	300-2000	30-200	215-1450



UFT-SP SERIES SIMPLE FUNCTION CHECKER

The **UFT-SP Series Checker** is designed to be installed at the place near to the assembly line for the simple function check of shut-off type Oil Pulse Tools before the daily operation.

SPECIFICATIONS

Model	Torque Range		Drive Size	Weight	
	Nm	ft-ibs		Kg	lb
UFT-SP01	3-13	2.2-9.6	Bit:6.35H	3.5	7.7
UFT-SP03	10-36	7.4-26.6	Socket:8,10,12	3.5	7.7
UFT-SP06	20-60	14.8-44.4	Socket:12,13,14,17	5.7	12.5
UFT-SP15	50-150	37.0-111.0		5.7	12.5



URYU NETWORK

URYU Pneumatic Tools have gained markets with the highest satisfaction of our customers not only island but also far abroad in more than 40 countries through a world-wide network of independent distributors who offer tool inspection, repair, testing, maintenance and quick delivery.

