

# **DIGITAL BOTTLE CAP TORQUE TESTERS**





### two display modes

DATA OUTPUT



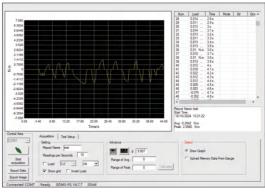


IST-DCT20



printer (optional)

- Measure the opening and tightening torque of bottle caps
- Unit: N.m, N.cm, kgf.cm, lbf.in, lbf.ft
- Clockwise and counter-clockwise operation
- Upper and lower tolerance limits can be set to determine pass or fail
  LCD display with backlight
- With calibration function
- Overload alarm
- Maximum overload of 120% of range
- Automatic power off



software (included)

### SPECIFICATION

Code	IST-DCT2	IST-DCT5	IST-DCT10	IST-DCT20				
Load capacity	2N.m	5N.m	10N.m	20N.m				
Resolution	0.0002N.m	0.0005N.m	0.001N.m	0.002N.m				
Clamping range	Ø19.5~190mm	Ø19.5~190mm						
Sampling frequency	2000Hz	2000Hz						
Accuracy	±0.3% (of load cap	±0.3% (of load capacity)						
Measuring mode	tracking, peak (ma	tracking, peak (max.), first peak, double peak, tolerance testing						
Output	USB, RS232	USB, RS232						
Number of memory	1000 memories	1000 memories						
Power supply	built-in rechargeab	built-in rechargeable battery						
Dimension	200×197×150mm	200×197×150mm						
Weight	2.5kg	2.5kg						

### STANDARD DELIVERY

Main unit	1 pc
AC/DC adapter	1 pc
Transmission cable (keyboard signal)	1 pc
Measuring software	1 set

### **OPTIONAL ACCESSORY**

Printer	ISH-DS-PRINTER
Wireless transmitter (receiver is needed)	7315-ISF-D

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(included)



with 3 mounting holes on the bottom

- With external sensor, to test torque wrenches, torque screwdrivers and other torque tools
- Clockwise and counter-clockwise operation
- Peak, track and first peak working modes
- Tolerance testing

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*<b><i>AINSIZE* 

- LED indicator for target torque alarm:

   Yellow LED light on when the value is below the low tolerance; green LED light on when the value is within tolerance; red LED light on when the value is above the high tolerance
   The buzzer alarms when the maximum torque value is
  - captured in the first peak mode
- Ability to upload data in real time, save data and export data to EXCEL
- Automatic power off

Database File		#	Date Time	Tag	Measured	Unit	Result
d:\Documents\ttreader.db		30	2024-08-15 15:06:56		0.8495	N.m	LO
-		31	2024-08-15 15:06:58		1.0179	N.m	ок
Tag:		32	2024-08-15 15:07:00		0.9584	N.m	ок
Query		33	2024-08-15 15:07:02		0.965	N.m	ок
		34	2024-08-15 15:07:06		1.0158	N.m	OK
From:	2024/08/15 00:00 3-	35	2024-08-15 15:07:08		1.0387	N.m	ок
Ter	2024/08/15 23:59	36	2024-08-15 15:07:09		1.0155	N.m	ок
10.	2024/08/13 23:55	37	2024-08-15 15:07:11		0.9452	N.m	ок
Tag:		38	2024-08-15 15:07:13		0.9374	N.m	ок
		39	2024-08-15 15:07:15		0.7303	N.m	LO
	Inquiry	40	2024-08-15 15:07:17		0.8686	N.m	LO
		41	2024-08-15 15:07:19		1.0156	N.m	OK
	Export Excel	42	2024-08-15 15:07:21		0.9697	N.m	ок
		43	2024-08-15 15:07:23		0.9102	N.m	ок
Language:	English	44	2024-08-15 15:07:25		1.0095	N.m	ок
		45	2024-08-15 15:07:27		1.0538	N.m	OK
		46	2024-08-15 15:07:30		1.1725	N.m	HI
3							

software (included)

### SPECIFICATION

Code	IST-TT05	IST-TT5	IST-TT30	IST-TT50	IST-TT220	IST-TT550	IST-TT1000	IST-TT2200	IST-TT3000
Range	0.1~0.5N.m	0.5~5N.m	3~30N.m	5~50N.m	22~220N.m	55~550N.m	100~1000N.m	220~2200N.m	300~3000N.m
Accuracy	±1% ±0.5% (two-way) (two-way)								
Resolution	0.0001N.m	0.0001N.m	0.001N.m	0.001N.m	0.01N.m	0.01N.m	0.1N.m	0.1N.m	0.1N.m
Unit	in.lb, ft.lb, kg.cm, N.m						N.m, ft.lb		
Square socket (L)	1/4"	1/4"	3/8"	3/8"	1/2"	3/4"	1"	1"	1"
Power supply	AC 100~240V, 50/60Hz								
Adaptor	no	no	3/8" to 1/4"	3/8" to 1/4"	1/2" to 3/8" 3/8" to 1/4"	3/4" to 1/2" 1/2" to 3/8"	1" to 3/4" 3/4" to 1/2" 1/2" to 3/8"	1" to 3/4" 3/4" to 1/2"	1" to 3/4" 3/4" to 1/2"
Transducer dimension	63×63 ×65mm	63×63 ×65mm	89×89 ×75mm	89×89 ×75mm	109×109 ×83mm	140×140 ×107mm	160×160 ×126mm	160×160 ×126mm	160×160 ×126mm
Weight	0.75kg	0.75kg	1.1kg	1.1kg	1.4kg	2.9kg	5.0kg	5.1kg	5.2kg

## STANDARD DELIVERY

Main unit	1 pc
Transducer with 1.5m cable	1 pc
Software and transmission cable	1 pc
Extension cable (1.2m)	1 pc
AC/DC adapter	1 pc
Adaptor	refer to details