

DIGITAL TORQUE TESTERS

DATA
OUTPUTATTENTION: NOT SUITABLE FOR ELECTRIC WRENCHES,
IMPACT WRENCHES OR PNEUMATIC WRENCHES

- 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
- Unit: cN.m, in.lb, kg.cm
- Low and high limits with judgement
- Target torque value can be set (10 target torque values can be saved and selected quickly), with audible and visible alarm:
 - Green LED light on and buzzer sounds when the value is 80%~100% of target torque
 - Both green and red LED light on and buzzer sounds when the target torque value is reached
- Memory of 2000 measurement values for browsing and output
- Automatic power off



IST-TT550

SPECIFICATION

Code	IST-TT5	IST-TT50	IST-TT220	IST-TT550	IST-TT2200
Range	0.5~5N.m	5~50N.m	22~220N.m	55~550N.m	220~2200N.m
Accuracy	±1% (clockwise and counter-clockwise)				
Resolution	0.001N.m	0.01N.m	0.1N.m	0.1N.m	1N.m
Square socket (L)	1/4"	3/8"	1/2"	3/4"	1"
Power supply	DC				
Adaptor	no	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"
Transducer dimension	60×60×47 mm	89×89×65 mm	109×109×73 mm	140×140×97 mm	160×160×116 mm
Weight	0.7kg	1.1kg	1.4kg	2.8kg	4.7kg



STANDARD DELIVERY

Main unit	1pc
Transducer with 1m cable	1pc
AC/DC adapter	1pc
USB cable and software	1pc
Adaptor	refer to the left

TORQUE WRENCH TEST STAND
CODE IST-TS500

application example

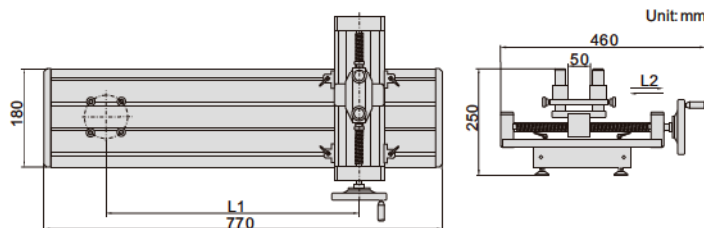


digital torque tester (optional)



adaptor (optional, for digital torque tester IST-TT5, IST-TT50, IST-TT220)

- Work with digital torque testers (IST-TT5, IST-TT50, IST-TT220, IST-TT550)



Unit: mm

SPECIFICATION

Digital torque tester	IST-TT5 (optional)	IST-TT50 (optional)	IST-TT220 (optional)	IST-TT550 (optional)
Applicable torque wrenches	0.5~5N.m	5~50N.m	22~220N.m	220~340N.m
Arm length (L1)	150~550mm, adjustable			
Maximum travel (L2)	200mm			
Weight	12kg			

OPTIONAL ACCESSORY

Digital torque tester	IST-TT5, IST-TT50, IST-TT220, IST-TT550
Adaptor	IST-TS500-BLOCK (necessary for IST-TT5, IST-TT50 and IST-TT220, not needed for IST-TT550)

DATA OUTPUT

- Measure the open and tighten torque of bottle cap
- Unit: N.m, N.cm, kgf.cm, lbf.in, lbf.ft
- 1500 memories
- Wireless connection to printer
- Automatic power off
- LCD display with backlight
- Overload alarm
- With calibration function



software CD (included)



printer (optional)



IST-DCT20

SPECIFICATION

Code	IST-DCT2	IST-DCT5	IST-DCT10	IST-DCT20
Load capacity	2N.m	5N.m	10N.m	20N.m
Resolution	0.001N.m	0.001N.m	0.01N.m	0.01N.m
Clamping range	Ø19.5~190mm			
Accuracy	±0.5% (of load capacity)			
Measuring mode	tracking, peak (max.), first peak, double peak, low and high limits with judgement			
Output	wireless and USB			
Power supply	built-in rechargeable battery			
Dimension	200×197×142mm			
Weight	2.5kg			

two display modes



STANDARD DELIVERY

Main unit	1pc
AC/DC adapter	1pc
USB cable and software	1pc

OPTIONAL ACCESSORY

Printer	ISH-DS-PRINTER
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DIGITAL TORQUE SCREWDRIVERS

- Clockwise and counter-clockwise operation
- Unit: cN.m, in.lb, kg.cm
- Peak and track working mode
- Target torque value can be set, with audible and visible alarm:
 - Green LED light on and buzzer sounds when target torque value is 90%~100% of target torque
 - Red LED light on and buzzer sounds when target torque value is reached
- Power off automatically in 5 minutes without any operations



IST-SD200

with 1/4" hex socket

SPECIFICATION

Code	IST-SD50	IST-SD200	IST-SD400
Range	10~50cN.m	40~200cN.m	80~400cN.m
Accuracy	clockwise	±3%	±2.5%
	counter-clockwise	±4%	±3.5%
Resolution	0.1cN.m	0.1cN.m	0.1cN.m
Size of hex socket (L)	1/4"	1/4"	1/4"
Power supply	1×AAA battery		
Length	193mm	203mm	203mm
Weight	190g	200g	200g

OPTIONAL ACCESSORY

Calibration cable	IST-SD-CABLE
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ACCURACY ±6%

ATTENTION: CLOCKWISE OPERATION ONLY

- According to DIN ISO 6789, ASME B107.300-2010



rotate the handle to set torque

SPECIFICATION

Code	IST-MH1D2	IST-MS1D2
Head type	hex socket	square driver
Range (clockwise)	0.1~1.2N.m	0.1~1.2N.m
Graduation	0.01N.m	0.01N.m
Accuracy	±6%	±6%
Length	180mm	180mm
Weight	230g	230g



IST-MH1D2



hex socket



IST-MS1D2



square driver



TORQUE SCREWDRIVERS

ATTENTION: CLOCKWISE
OPERATION ONLY

ACCURACY $\pm 6\%$



- According to DIN ISO 6789,
ASME B107.300-2010

Set torque:



step 1: lift the lock ring



step 2: rotate the handle to set torque



step 3: release the lock ring



T-bar wrench (optional)

SPECIFICATION

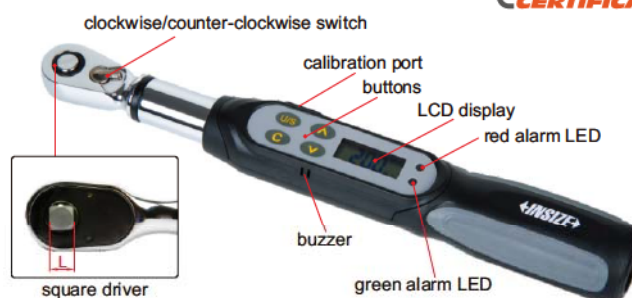
Code	IST-MH3D5	IST-MH6	IST-MH9	IST-MH10	IST-MS3D5	IST-MS6	IST-MS9	IST-MS10
Range (clockwise)	1~3.5N.m	1~6N.m	4~9N.m	5~10N.m	1~3.5N.m	1~6N.m	4~9N.m	5~10N.m
Graduation	0.05N.m	0.1N.m	0.1N.m	0.1N.m	0.05N.m	0.1N.m	0.1N.m	0.1N.m
Head type	hex socket				square driver			
Accuracy	$\pm 6\%$				$\pm 6\%$			
Length	200mm				200mm			
Weight	300g				300g			

OPTIONAL ACCESSORY

T-bar wrench	IST-M-T BAR
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SMALL RANGE DIGITAL TORQUE WRENCHES

- Clockwise and counter-clockwise operation
- Unit: N.m, in.lb, ft.lb, kg.cm
- Peak and track working mode
- Target torque value can be set, with audible and visible alarm:
 - Green LED light on and buzzer sounds when target torque value is 90%~100% of target torque
 - Red LED light on and buzzer sounds when target torque value is reached
- Power off automatically in 5 minutes without any operations
- Non-slip grip handle
- With overload record (once the torque reaches 110% of the maximum range)



IST-WP20

SPECIFICATION

Code	IST-WP6	IST-WP12	IST-WP20
Range	1.2~6N.m	2.4~12N.m	4~20N.m
Accuracy	clockwise	$\pm 3\%$	$\pm 3\%$
	counter-clockwise	$\pm 4\%$	$\pm 4\%$
Resolution	0.001N.m	0.01N.m	0.01N.m
Square driver (L)	1/4"	1/4"	1/4"
Power supply	1×AAA battery		
Length	260mm	260mm	260mm
Weight	430g	430g	430g

OPTIONAL ACCESSORY

Calibration cable	IST-SD-CABLE
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SHORT HANDLE DIGITAL TORQUE WRENCHES

INSPECTION CERTIFICATE

- Clockwise and counter-clockwise operation
- Unit: N.m, in.lb, ft.lb, kg.cm
- Peak and track working mode
- Target torque value can be set, with audible and visible alarm:
 - Green LED light on and buzzer sounds when torque value is 90%~100% of target torque
 - Both green and red LED light on and buzzer sounds when target torque value is reached
- Power off in 5 minutes automatically
- Non-slip grip handle
- With damp record
- With overload record (once the torque reaches 110% of the maximum range)



IST-WS60

SPECIFICATION

Code	IST-WS30	IST-WS30A	IST-WS60	IST-WS85
Range	6~30N.m	6~30N.m	12~60N.m	17~85N.m
Accuracy	clockwise	±3%		
	counter-clockwise	±4%		
Resolution	0.01N.m	0.01N.m	0.01N.m	0.1N.m
Square driver (L)	1/4"	3/8"	3/8"	3/8"
Power supply	2×AAA batteries			
Length	215mm	215mm	225mm	271mm
Weight	750g	830g	917g	1000g



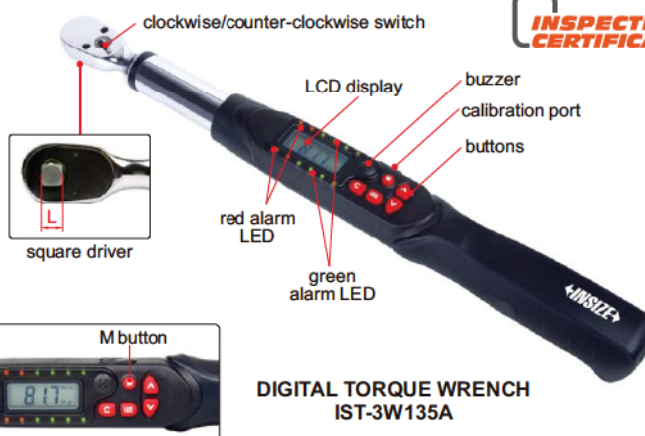
VIDEO

OPTIONAL ACCESSORY

Calibration cable	IST-SD-CABLE
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WIRELESS DATA TRANSFER DIGITAL TORQUE WRENCHES

- Wireless data transfer to computer
- Unit: N.m, in.lb, ft.lb, kg.cm
- Clockwise and counter-clockwise operation
- Peak and track working mode
- Can set tolerance with judgement in peak working mode
- 9 target torque values can be set, with audible and visible alarm:
 - Green LED light on and buzzer sounds when torque value is 80%~99.5% of target torque
 - Both green and red LED light on and buzzer sounds when torque value is over 99.5% of target torque
- Power off in 2 minutes automatically
- Non-slip grip handle
- With damp record
- With overload record (once the torque reaches 110% of the maximum range)



DIGITAL TORQUE WRENCH
IST-3W135A

INSPECTION CERTIFICATE



VIDEO



RECEIVER
IST-3WREC

DIGITAL TORQUE WRENCH SPECIFICATION

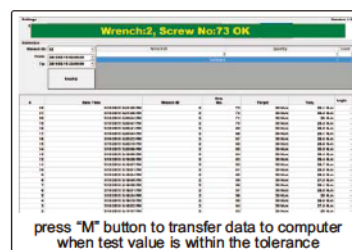
Code		IST-3W30A	IST-3W135A	IST-3W200A	IST-3W340A
Range		6~30N.m	27~135N.m	40~200N.m	68~340N.m
Accuracy	clockwise	±2%			
	counter-clockwise	±3%			
Tolerance setting range		-25% ~ +25% (target torque value)			
Resolution		0.01N.m	0.1N.m	0.1N.m	0.1N.m
Square driver (L)		1/4"	3/8"	1/2"	1/2"
Working frequency		ISM433MHz (432.0~433.8MHz, adjustable)			
Power supply		2xAA batteries, for 110 hours working			
Length		390mm	415mm	530mm	650mm
Weight		760g	940g	1340g	1540g

RECEIVER SPECIFICATION

Code	IST-3WREC
Working frequency	ISM433MHz (432.0~433.8MHz adjustable)
Power supply	DC 24V, 0.5A
Dimension	200×108×31mm
Weight	500g

OPTIONAL ACCESSORY

Calibration cable	IST-SD-CABLE
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DIGITAL TORQUE WRENCHES

- Clockwise and counter-clockwise operation
- Unit: N.m, in.lb, ft.lb, kg.cm
- Peak and track working mode
- Target torque value can be set, with audible and visible alarm:
 - Green LED light on and buzzer sounds when torque value is 90%~100% of target torque
 - Both green and red LED light on and buzzer sounds when target torque value is reached
- Power off automatically in 5 minutes without any operations
- Non-slip grip handle
- With damp record
- With overload record (once the torque reaches 110% of the maximum range)



IST-W135A

SPECIFICATION

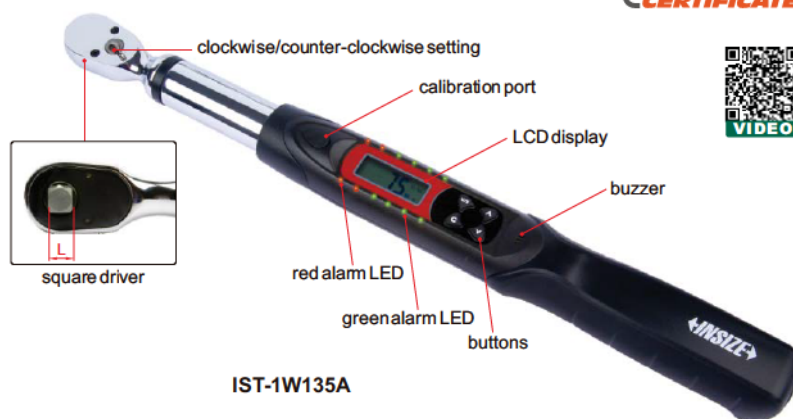
Code	Range	Accuracy	Resolution	Square driver (L)	Power supply	Length	Weight
IST-W30A	6~30N.m	clockwise: $\pm 2\%$ counter-clockwise: $\pm 3\%$	0.01N.m	1/4"	2×AA batteries	390mm	830g
IST-W135A	27~135N.m		0.1N.m	3/8"		415mm	950g
IST-W200A	40~200N.m		0.1N.m	1/2"		530mm	1.4kg
IST-W340A	68~340N.m		0.1N.m	1/2"		650mm	1.6kg
IST-W500A	100~500N.m	clockwise: $\pm 2.5\%$ counter-clockwise: $\pm 3.5\%$	0.1N.m	3/4"		950mm	2.1kg
IST-W850A	170~850N.m		0.1N.m	3/4"		1220mm	2.55kg
IST-W1200A	240~1200N.m		1N.m	1"		1800mm	13kg
IST-W1500A	300~1500N.m		1N.m	1"		1800mm	13kg
IST-W2000A	400~2000N.m		1N.m	1"		1800mm	14kg

OPTIONAL ACCESSORY

Calibration cable	IST-W-CABLE
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DIGITAL ANGLE TORQUE WRENCHES

- Clockwise and counter-clockwise operation
- Set the desired torque first. After reaching the desired torque, set the angle and turn the wrench at this angle to apply extra torque
- Unit: N.m, in.lb, ft.lb, kg.cm, degree
- Peak and track working mode
- Target torque or angle value can be set, with audible and visible alarm:
 - Green LED light on and buzzer sounds when torque or angle value is 90%~100% of target torque or angle
 - Both green and red LED light on and buzzer sounds when target torque or angle value is reached
- Power off in 5 minutes automatically
- Non-slip grip handle
- With damp record
- With overload record (once the torque reaches 110% of the maximum range)



IST-1W135A

SPECIFICATION

Code		IST-1W30A	IST-1W135A	IST-1W200A	IST-1W340A
Range	torque	6~30N.m	27~135N.m	40~200N.m	68~340N.m
	angle	0~999°			
Accuracy	clockwise	$\pm 2\%$			
	counter-clockwise	$\pm 3\%$			
	angle	$\pm 2^\circ$ (rotate 90°)			
Resolution	torque	0.01N.m	0.1N.m	0.1N.m	0.1N.m
	angle	1°			
Square driver (L)		1/4"	3/8"	1/2"	1/2"
Power supply		2xAA batteries, for 110 hours working			
Length		390mm	415mm	530mm	650mm
Weight		830g	950g	1400g	1600g

OPTIONAL ACCESSORY

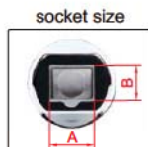
Calibration cable	IST-W-CABLE
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Set the desired torque first. After reaching the desired torque, set the angle and turn the wrench at this angle to apply extra torque

INTERCHANGEABLE HEAD DIGITAL TORQUE WRENCHES

- Clockwise and counter-clockwise operation
- Unit: N.m, in.lb, ft.lb, kg.cm, degree
- Peak and track working mode
- Target torque value can be set, with audible and visible alarm:
 - Green LED light on and buzzer sounds when torque value is 90%~100% of target torque
 - Both green and red LED light on and buzzer sounds when target torque value is reached
- Power off in 5 minutes automatically without any operations
- Non-slip grip handle
- With damp record
- With overload record (once the torque reaches 110% of the maximum range)



IST-2W135A

SPECIFICATION

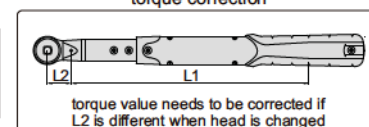
Code	IST-2W30A	IST-2W135A	IST-2W200A	IST-2W340A
Range	6~30N.m	27~135N.m	40~200N.m	68~340N.m
Accuracy	clockwise	±2%		
	counter-clockwise	±3%		
Resolution	0.01N.m	0.1N.m	0.1N.m	0.1N.m
Socket size (A×B)	12×9mm	12×9mm	18×14mm	18×14mm
Arm length (L1)	272.7mm	287.7mm	381.2mm	501.2mm
Power supply	2xAA batteries, for 110 hours working			
Weight	1400g	1570g	2170g	2320g

RATCHET HEAD (INCLUDED) SPECIFICATION

Code of torque wrench	IST-2W30A	IST-2W135A	IST-2W200A	IST-2W340A
Square driver (D)	1/4"	3/8"	1/2"	1/2"
Length (L2)	29mm	29mm	40mm	40mm



torque correction



STANDARD DELIVERY

Torque wrench	1 pc
Ratchet head	1 pc

OPTIONAL ACCESSORY

Calibration cable	IST-W-CABLE
Interchangeable head	see details



RATCHET HEAD (optional)

Code	Square driver (D)	Applicable wrenches
IST-2W-R1	1/4"	IST-2W30A
IST-2W-R2	3/8"	IST-2W135A
IST-2W-R3	1/2"	IST-2W135A
IST-2W-R4	1/2"	IST-2W200A IST-2W340A



ADJUSTABLE SPANNER HEAD (optional)

Code	Open size	Applicable wrenches
IST-2W-A1	5~27mm	IST-2W135A
IST-2W-A2	5~30mm	IST-2W200A
IST-2W-A3	10~41mm	IST-2W340A



BOX END HEAD (optional)

Code	Open size	Applicable wrenches
IST-2W-M7	7mm	IST-2W30A IST-2W135A
IST-2W-M8	8mm	
IST-2W-M10	10mm	
IST-2W-M11	11mm	
IST-2W-M12	12mm	
IST-2W-M13	13mm	
IST-2W-M14	14mm	
IST-2W-M15	15mm	
IST-2W-M16	16mm	
IST-2W-M17	17mm	
IST-2W-M18	18mm	IST-2W200A IST-2W340A
IST-2W-M19	19mm	
IST-2W-M21	21mm	
IST-2W-M22	22mm	
IST-2W-M13A	13mm	
IST-2W-M14A	14mm	
IST-2W-M15A	15mm	
IST-2W-M16A	16mm	
IST-2W-M17A	17mm	
IST-2W-M18A	18mm	
IST-2W-M19A	19mm	
IST-2W-M21A	21mm	



OPEN END HEAD (optional)

Code	Open size	Applicable wrenches
IST-2W-K7	7mm	IST-2W30A IST-2W135A
IST-2W-K8	8mm	
IST-2W-K9	9mm	
IST-2W-K10	10mm	
IST-2W-K11	11mm	
IST-2W-K12	12mm	
IST-2W-K13	13mm	
IST-2W-K14	14mm	
IST-2W-K15	15mm	
IST-2W-K16	16mm	IST-2W200A IST-2W340A
IST-2W-K17	17mm	
IST-2W-K18	18mm	
IST-2W-K19	19mm	
IST-2W-K13A	13mm	
IST-2W-K14A	14mm	
IST-2W-K15A	15mm	
IST-2W-K16A	16mm	
IST-2W-K17A	17mm	
IST-2W-K18A	18mm	
IST-2W-K19A	19mm	
IST-2W-K21A	21mm	
IST-2W-K22A	22mm	
IST-2W-K24A	24mm	

QUALITY INSPECTION TORQUE WRENCHES

MEASURE THE TORQUE OF TIGHTENED BOLT

- Measure the torque of tightened bolt with retightening method, read the torque value when the looseness is detected
- Two measuring modes:
 - M1: automatic detecting mode, for normal bolts retighten the bolt, the torque value is displayed on screen when the wrench automatically detects the looseness, both green and red LED light on and buzzer sounds
 - M2: manual detecting mode, for long bolts retighten the bolt, read the torque value when the looseness is detected by hand
- Unit: N.m, in.lb, ft.lb, kg.cm
- Peak and track working mode (only for M2 measuring mode)
- Clockwise and count-clockwise operation
- Memory of 50 results
- Power off in 15 minutes automatically
- Non-slip grip handle
- With overload record (once the torque reaches 110% of the maximum range)



IST-4W135A

SPECIFICATION

Code	IST-4W30A	IST-4W135A	IST-4W200A	IST-4W340A
Range	6~30N.m	27~135N.m	40~200N.m	68~340N.m
Accuracy	clockwise	$\pm 2\%$		
	counter-clockwise	$\pm 3\%$		
Resolution	0.01N.m	0.1N.m	0.1N.m	0.1N.m
Square driver (L)	1/4"	3/8"	1/2"	1/2"
Power supply	2xAA batteries, for 110 hours working			
Length	390mm	415mm	530mm	650mm
Weight	760g	940g	1340g	1540g

OPTIONAL ACCESSORY

Calibration cable	IST-W-CABLE
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INSPECTION
CERTIFICATE


TORQUE WRENCHES

ACCURACY $\pm 3\%$

ATTENTION: CLOCKWISE
OPERATION ONLY

- According to DIN ISO 6789, ASME B107.300-2010

Set torque:



step 1: unlock



step 2: set



step 3: lock



IST-2WM100

SPECIFICATION

Code	IST-2WM25	IST-2WM60	IST-2WM100	IST-2WM200	IST-2WM340	IST-2WM600	IST-2WM800
Range (clockwise)	5~25N.m	10~60N.m	20~100N.m	40~200N.m	60~340N.m	100~600N.m	150~800N.m
Accuracy	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Graduation	0.2N.m	0.5N.m	0.5N.m	1N.m	2N.m	5N.m	5N.m
Square driver (D)	1/4"	3/8"	3/8"	1/2"	1/2"	3/4"	3/4"
Length	281mm	337mm	436mm	512mm	614mm	1050mm	1240mm
Weight	590g	760g	1320g	1580g	1800g	5030g	6110g

INSPECTION
CERTIFICATE


ATTENTION: CLOCKWISE
OPERATION ONLY

ACCURACY $\pm 3\%$

INSPECTION
CERTIFICATE

■ According to DIN ISO 6789,
ASME B107.300-2010

INTERCHANGEABLE HEAD TORQUE WRENCHES



IST-6WM100

Set torque:



step 1: unlock

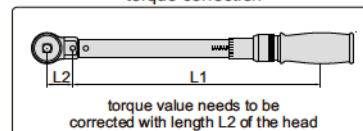


step 2: set



step 3: lock

torque correction



SPECIFICATION

Code	IST-6WM60	IST-6WM100	IST-6WM200	IST-6WM340	IST-6WM600
Range (clockwise)	10~60N.m	20~100N.m	40~200N.m	60~340N.m	100~600N.m
Accuracy	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Graduation	0.5N.m	0.5N.m	1N.m	2N.m	5N.m
Socket size (A×B)	12×9mm	12×9mm	18×14mm	18×14mm	18×14mm
Arm length (L1)	261mm	343mm	420mm	521mm	891mm
Length	306mm	403mm	484mm	585mm	988mm
Weight	630g	1286g	1400g	1602g	5600g

OPTIONAL ACCESSORY

Interchangeable head see details



OPEN END HEAD (optional)

Code	Open size	Applicable wrenches
IST-6WM-K7	7mm	IST-6WM60 IST-6WM100
IST-6WM-K8	8mm	
IST-6WM-K9	9mm	
IST-6WM-K10	10mm	
IST-6WM-K11	11mm	
IST-6WM-K12	12mm	
IST-6WM-K13	13mm	
IST-6WM-K14	14mm	
IST-6WM-K15	15mm	
IST-6WM-K16	16mm	
IST-6WM-K17	17mm	
IST-6WM-K18	18mm	
IST-6WM-K19	19mm	
IST-6WM-K13A	13mm	IST-6WM200 IST-6WM340 IST-6WM600
IST-6WM-K14A	14mm	
IST-6WM-K15A	15mm	
IST-6WM-K16A	16mm	
IST-6WM-K17A	17mm	
IST-6WM-K18A	18mm	
IST-6WM-K19A	19mm	
IST-6WM-K21A	21mm	
IST-6WM-K22A	22mm	
IST-6WM-K24A	24mm	

BOX END HEAD (optional)

Code	Open size	Applicable wrenches
IST-6WM-M7	7mm	IST-6WM60 IST-6WM100
IST-6WM-M8	8mm	
IST-6WM-M10	10mm	
IST-6WM-M11	11mm	
IST-6WM-M12	12mm	
IST-6WM-M13	13mm	
IST-6WM-M14	14mm	
IST-6WM-M15	15mm	
IST-6WM-M16	16mm	
IST-6WM-M17	17mm	
IST-6WM-M18	18mm	
IST-6WM-M19	19mm	
IST-6WM-M21	21mm	
IST-6WM-M22	22mm	
IST-6WM-M13A	13mm	IST-6WM200 IST-6WM340 IST-6WM600
IST-6WM-M14A	14mm	
IST-6WM-M15A	15mm	
IST-6WM-M16A	16mm	
IST-6WM-M17A	17mm	
IST-6WM-M18A	18mm	
IST-6WM-M19A	19mm	
IST-6WM-M21A	21mm	



Ratchet head (optional)

Code	Square driver	Applicable wrenches
IST-6WM-R1	3/8"	IST-6WM60 IST-6WM100
IST-6WM-R2	1/2"	IST-6WM200 IST-6WM340
IST-6WM-R3	3/4"	IST-6WM600

INTERCHANGEABLE HEAD TORQUE WRENCH SETS

ACCURACY $\pm 3\%$ ATTENTION: CLOCKWISE
OPERATION ONLYINSPECTION
CERTIFICATE

Set torque:



step 1: unlock

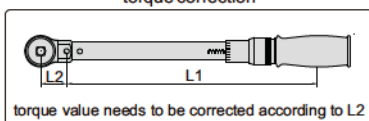


step 2: set

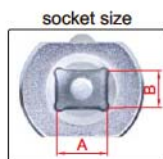


step 3: lock

torque correction



torque value needs to be corrected according to L2



socket size

torque value
torque set lock ring

IST-8WM60



ratchet head (included)

box end head (included,
only for IST-8WM10,
IST-8WM20, IST-8WM60)

open end head (included)

■ According to DIN ISO 6789, ASME B107.300-2010

SPECIFICATION

Code	IST-8WM10	IST-8WM20	IST-8WM60	IST-8WM100	IST-8WM200	IST-8WM340	IST-8WM400
Range (clockwise)	2~10N.m	4~20N.m	10~60N.m	20~100N.m	40~200N.m	60~340N.m	80~400N.m
Accuracy	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Graduation	0.1N.m	0.1N.m	0.5N.m	0.5N.m	1N.m	2N.m	2N.m
Socket size (A×B)	12×9mm			18×14mm			
Arm length (L1)	218mm	261mm	261mm	366mm	420mm	521mm	521mm
Length	263mm	306mm	306mm	430mm	484mm	585mm	585mm
Weight	1264g	1372g	1372g	3712g	3825g	4047g	4047g

STANDARD DELIVERY

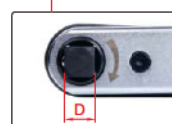
Code	IST-8WM10	IST-8WM20	IST-8WM60	IST-8WM100	IST-8WM200	IST-8WM340	IST-8WM400
Torque wrench	1pc	1pc	1pc	1pc	1pc	1pc	1pc
Ratchet head	1pc (1/4")	1pc (1/4")	1pc (3/8")	1pc (3/8")	1pc (1/2")	1pc (1/2")	1pc (1/2")
Box end head	3pcs (size 10, 13, 17mm)			—			
Open end head	3pcs (size 10, 13, 17mm)			9pcs (size 13, 14, 15, 17, 19, 22, 24, 27, 30mm)			

CLASSIC TORQUE WRENCHES

ACCURACY $\pm 4\%$

LOUD CLICK SOUND

- Clockwise and counter-clockwise operation
- Unit: N.m, kgf.m, lbf.in, lbf.ft
- Loud click sound when target torque value is reached
- According to DIN ISO 6789, ASME B107.300-2010



square driver

INSPECTION
CERTIFICATE

torque setting



torque value

IST-7WM135

SPECIFICATION

Code	IST-7WM33	IST-7WM68	IST-7WM135	IST-7WM225	IST-7WM330	IST-7WM560	IST-7WM800	IST-7WM1000
Range	5 ~ 33N.m	12 ~ 68N.m	25 ~ 135N.m	50 ~ 225N.m	70 ~ 330N.m	140 ~ 560N.m	200 ~ 800N.m	200 ~ 1000N.m
Accuracy	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$
Graduation	1N.m	2N.m	5N.m	5N.m	10N.m	10N.m	20N.m	20N.m
Square driver (D)	1/4"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Length	425mm	500mm	556mm	600mm	805mm	996mm	1070mm	1400mm
Weight	720g	1050g	1600g	2300g	2600g	7410g	7580g	12800g

DIAL TORQUE WRENCHES



ACCURACY $\pm 4\%$



VIDEO

- Clockwise and counter-clockwise operation
- According to DIN ISO 6789, ASME B107.300-2010



IST-DW70

SPECIFICATION

Code	IST-DW3D5	IST-DW9	IST-DW18	IST-DW35	IST-DW70	IST-DW140	IST-DW240	IST-DW350
Range	0.7~3.5N.m 6~30in.lb	1.8~9N.m 15~75in.lb	3.6~18N.m 30~150in.lb	7~35N.m 60~300in.lb	14~70N.m 120~600in.lb	28~140N.m 20~100ft.lb	48~240N.m 35~175ft.lb	70~350N.m 50~250ft.lb
Accuracy	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$	$\pm 4\%$
Graduation	0.05N.m 0.5in.lb	0.1N.m 1in.lb	0.2N.m 2in.lb	0.5N.m 5in.lb	1N.m 10in.lb	2N.m 1ft.lb	3N.m 2.5ft.lb	2.5N.m 2.5ft.lb
Square driver (D)	1/4"	1/4"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
Length	254mm	254mm	254mm	254mm	378mm	546mm	546mm	546mm
Weight	480g	480g	480g	480g	820g	1300g	1300g	1300g



DIGITAL TORQUE ADAPTERS

- Clockwise and counter-clockwise operation
- Set the desired torque first. After reaching the desired torque, set the angle and turn the wrench at this angle to apply extra torque
- Unit: N.m, in.lb, ft.lb, kg.cm, degree
- Peak and track working mode
- Target torque or angle value can be set, with audible and visible alarm:
 - Green LED light on and buzzer sounds when torque or angle value is 80%~100% of target torque or angle
 - Both green and red LED light on and buzzer sounds when target torque or angle value is reached
- Power off in 2 minutes automatically
- Memory 50 measurement values for browsing
- With overload record (once the torque reaches 110% of the maximum range)



IST-5W135A



VIDEO

SPECIFICATION

Code		IST-5W30A	IST-5W135A	IST-5W200A	IST-5W340A
Range	torque	6~30N.m	27~135N.m	40~200N.m	68~340N.m
	angle	0~999°			
Accuracy	clockwise	$\pm 3\%$			
	counter-clockwise	$\pm 4\%$			
	angle	$\pm 2^\circ$ (rotate 90°)			
Resolution	torque	0.01N.m	0.1N.m	0.1N.m	0.1N.m
	angle	1°			
Square driver (L)		1/4"	3/8"	1/2"	1/2"
Power supply		2xAAA batteries			
Length		Ø85×60mm	Ø85×75mm	Ø85×80mm	Ø85×80mm
Weight		150g	220g	240g	240g



working with mechanical wrenches

OPTIONAL ACCESSORY

Calibration cable	IST-SD-CABLE
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