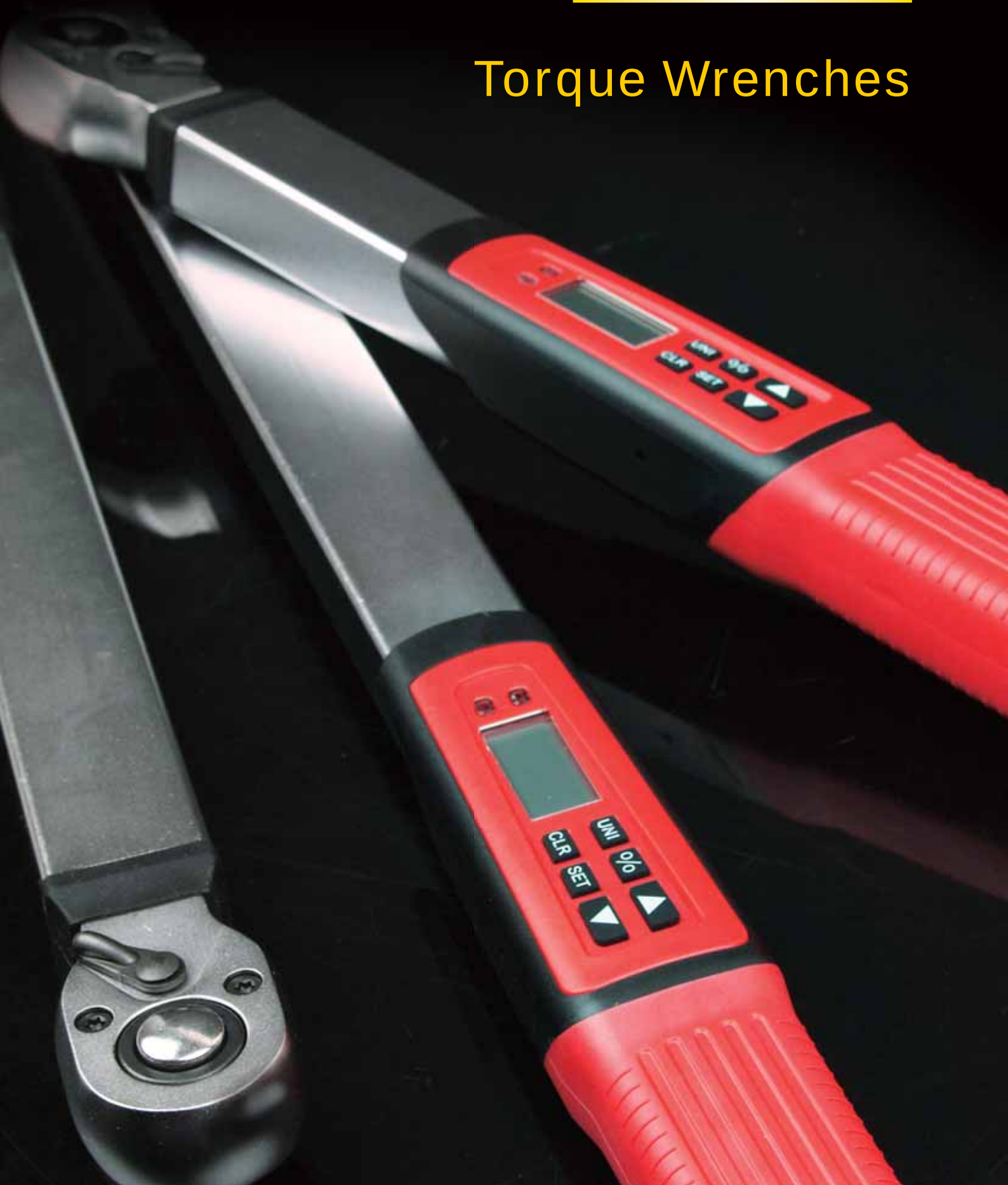


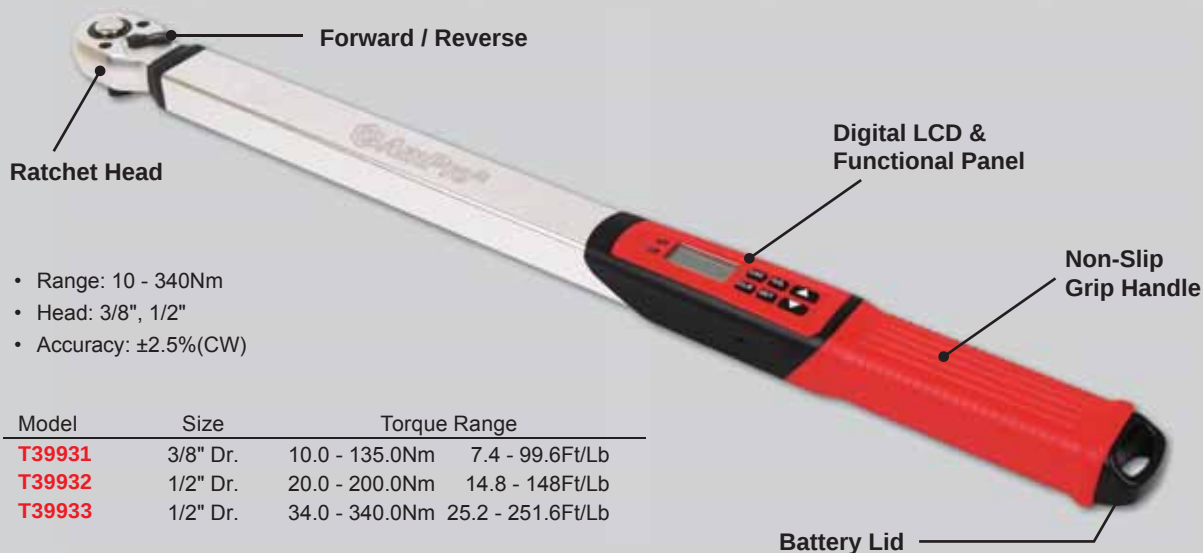


Torque Wrenches



Digital Torque Wrenches

The new AmPro digital torque wrenches are designed for simple and precise measurement of industrial, automotive, aerospace and many other applications. The torque wrench displays Peak torque on a large LCD panel in Ft/Lb, In/Lb, or Nm scale.

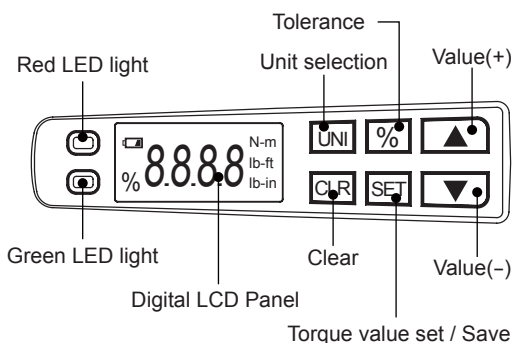


- Range: 10 - 340Nm
- Head: 3/8", 1/2"
- Accuracy: $\pm 2.5\%$ (CW)

Model	Size	Torque Range	
T39931	3/8" Dr.	10.0 - 135.0Nm	7.4 - 99.6Ft/Lb
T39932	1/2" Dr.	20.0 - 200.0Nm	14.8 - 148Ft/Lb
T39933	1/2" Dr.	34.0 - 340.0Nm	25.2 - 251.6Ft/Lb

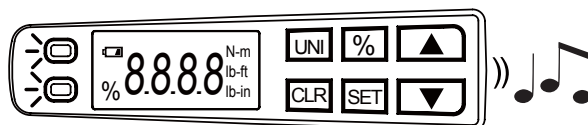


Digital Display & Functional Panel



Power On & Power Off

- Power on: Press any key for 3 seconds.



PS It may damage the wrench if turn on while applying torque.

- Power off:
 - (1). Automatic: Without applying torque, auto-shutoff after 90 seconds when the display indicates "0".
 - (2). Manual: Without applying torque, press **CLR** button for 5 seconds.

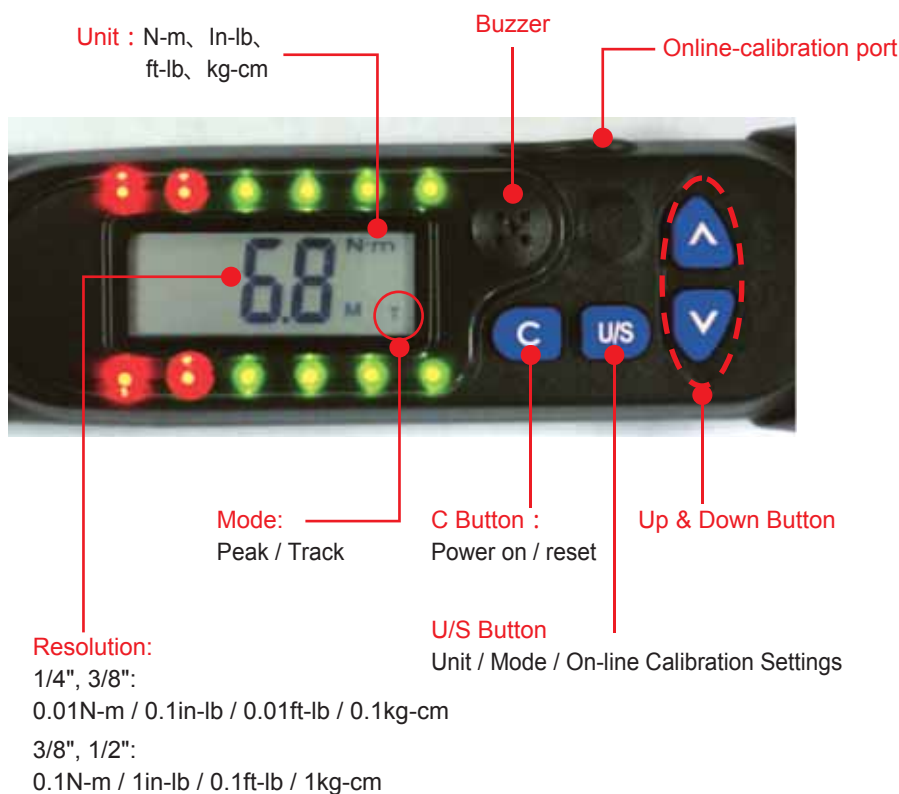
Digital Torque Wrenches

- Standard functions include torque setting, unit setting, mode setting, and online calibration
- Functions in both clockwise and counter-clockwise directions
- LCD panel shows N-m, ft-lb, in-lb and kg-cm measurements
- Audible and visible torque confirmation by means of buzzer and LED indicator
- Easy setup per application



- Range: 30 - 340 N-m
- Head: 1/4", 3/8", 1/2"
- Accuracy: $\pm 1\%$ or $\pm 2\%$ (CW)

Model	Size	Torque Range	
T39985	1/4" Dr.	1.5 - 30.0Nm	1.1 - 22.2Ft/Lb
T39986	3/8" Dr.	6.8 - 135.0Nm	5.0 - 99.9Ft/Lb
T39987	1/2" Dr.	6.8 - 135.0Nm	5.0 - 99.9Ft/Lb
T39988	1/2" Dr.	10.0 - 200.0Nm	7.4 - 148.1Ft/Lb
T39989	1/2" Dr.	17.0 - 340.0Nm	12.6 - 251.6Ft/Lb



6 or 12 side LED lights

- Green LED lights are on when the torque is approaching the target torque value (a warning signal)
- Red LED lights are on when the torque reaches the target torque value (a stop signal)

Mini Industrial Torque Wrenches

- Industrial quality
- Tolerance of torque $\pm 3\%$
- Material is aluminum alloy
- Quick release ratchet head
- Quality meets DIN ISO 6789 & ASME B107.14M-1994



Model	Size	Torque Range	Graduation	Length
T39956	1/4" Dr.	3 - 15Nm	0.1	205mm
T39957	1/4" Dr.	5 - 25Nm	0.2	240mm
T39958	3/8" Dr.	3 - 15Nm	0.1	205mm
T39959	3/8" Dr.	5 - 25Nm	0.2	240mm

Industrial Torque Wrenches

- Industrial quality
- Tolerance of torque $\pm 3\%$
- Easy torque-adjusting design
- Quick release ratchet head
- Quality meets DIN ISO 6789 & ASME B107.14M-1994



Model	Size	Torque Range
T39945	1/4" Dr.	2 - 10Nm 22.1 - 84.1In/Lb
T39946	1/4" Dr.	4 - 20Nm 39.8 - 172.6In/Lb
T39947	3/8" Dr.	4 - 20Nm 39.8 - 172.6In/Lb
T39948	3/8" Dr.	20 - 100Nm 16.6 - 71.9Ft/Lb
T39949	1/2" Dr.	40 - 200Nm 33.2 - 143.8Ft/Lb
T39950	1/2" Dr.	60 - 340Nm 51.6 - 243.4Ft/Lb
T39951	3/4" Dr.	100 - 600Nm 92 - 424Ft/Lb
T39952	3/4" Dr.	150 - 800Nm 129 - 572Ft/Lb
T39953	3/4" Dr.	200 - 1000Nm 166 - 719Ft/Lb
T39954	1" Dr.	150 - 800Nm 129 - 572Ft/Lb
T39955	1" Dr.	200 - 1000Nm 166 - 719Ft/Lb

Torque Wrenches

- Chrome Vanadium steel ratchet
- Guaranteed to meet DIN-ISO 6789 and ANSI Spec. B107.14M
- Clicks when torque value is reached



Model	Size	Torque Range
T39901	1/4" Dr.	240In/Lb 24Nm
T39905	3/8" Dr.	960In/Lb 110Nm
T39913	1/2" Dr.	150Ft/Lb 210Nm
T39915	1/2" Dr.	250Ft/Lb 350Nm
T39921	3/4" Dr.	300Ft/Lb 420Nm
T39923	3/4" Dr.	500Ft/Lb 700Nm
T39926	1" Dr.	700Ft/Lb 980Nm

Dual Scale Beam Torque Wrenches

- Precision calibrated scale with pre-selected torque specifications



Model	Size
T74702	3/8" & 1/2" Dr.

Industrial Torque Wrenches - Window Clip Type

- Tolerance of torque $\pm 4\%$
- Ergonomic grip with both SAE & Metric scales
- Quality meets DIN-ISO 6789 and ANSI Spec. B107.14M
- Quick release ratchet head

Model	Size	Torque Range
T39965	1/4" Dr.	36 - 180In/Lb 4 - 20Nm
T39966	3/8" Dr.	15 - 74Ft/Lb 20 - 100Nm
T39967	1/2" Dr.	30 - 148Ft/Lb 40 - 200Nm
T39968	1/2" Dr.	45 - 250Ft/Lb 60 - 340Nm



Flexible Torque Wrenches

- 15-degree flex head in both directions
- Selected scale automatically locked
- Quick release design
- Ergonomic, rugged and no-slip rubber grip
- Quality meets DIN ISO 6789, ASME B107.14M-1994



Model	Size	Torque Range
T39910	3/8" Dr.	20 - 100Nm
T39911	3/8" Dr.	10 - 80Ft/Lb

Industrial Torque Wrenches

- Industrial quality
- Tolerance of torque $\pm 3\%$
- Add-on extension metal handle
- Quick release ratchet head
- Quality meets DIN ISO 6789 & ASME B107.14M-1994



Model	Size	Torque Range
T39938	1 Dr.	300 - 1500Nm 258 - 1070Ft/Lb



Preset Torque Wrenches

- Ideal for production line where a particular torque is required for repetitive operations
- Reversible preset torque wrench
- Durable and non-slip rubber grip
- Quick release ratchet head
- Audible "Click" when torque is reached

Model	Size	Preset Torque
T39990	1/2" Dr.	88Nm
T39991	1/2" Dr.	110Nm
T39992	1/2" Dr.	135Nm
T39993	1/2" Dr.	163Nm
T39994	1/2" Dr.	190Nm
T39995	1/2" Dr.	65Ft/Lb
T39996	1/2" Dr.	80Ft/Lb
T39997	1/2" Dr.	100Ft/Lb
T39998	1/2" Dr.	120Ft/Lb
T39999	1/2" Dr.	140Ft/Lb



10

Preset Torque Open-End Wrenches

- Tolerance of torque $\pm 4\%$
- Chrome Vanadium steel
- Unique head design prevents slipping of the nut while use

Model	Size	Preset Torque
T43400	17mm	16Nm
T43401	17mm	18Nm
T43402	22mm	30Nm
T43403	22mm	42Nm
T43404	24mm	55Nm
T43405	26mm	55Nm
T43406	27mm	65Nm
T43407	29mm	65Nm
T43408	36mm	100Nm



Interchangeable Torque Wrenches



- Fits standard insert head
- Quick-release button for easy removal of the insert head
- Ergonomic and cushioned rubber grip
- Fast and accurate torque settings



Model	Dimension (mm)	Torque Range
T39972	9mm x 12mm	10 - 60Nm 9.2 - 42.4Ft/Lb
T39973	14mm x 18mm	20 - 100Nm 16.6 - 71.9Ft/Lb
T39974	14mm x 18mm	40 - 200Nm 33.2 - 143.8Ft/Lb

Insert Tools for Interchangeable Torque Wrenches



Ring Insert Tools

- Chrome Vanadium steel
- Fits for interchangeable torque wrenches
- Uses with T39972, T39973, T39974



Model	Size	■ (mm)
T43300	8mm	9mm x 12mm
T43301	10mm	9mm x 12mm
T43302	12mm	9mm x 12mm
T43303	14mm	9mm x 12mm
T43304	15mm	9mm x 12mm
T43305	17mm	9mm x 12mm
T43306	18mm	9mm x 12mm
T43307	19mm	9mm x 12mm
T43308	22mm	9mm x 12mm
T43309	14mm	14mm x 18mm
T43310	17mm	14mm x 18mm
T43311	19mm	14mm x 18mm
T43312	22mm	14mm x 18mm
T43313	24mm	14mm x 18mm
T43314	27mm	14mm x 18mm
T43315	30mm	14mm x 18mm
T43316	32mm	14mm x 18mm
T43317	36mm	14mm x 18mm

Open Ended Insert Tools

- Chrome Vanadium steel
- Fits interchangeable torque wrenches
- Uses with T39972, T39973, T39974



Model	Size	■ (mm)
T43000	7mm	9mm x 12mm
T43001	10mm	9mm x 12mm
T43002	11mm	9mm x 12mm
T43003	12mm	9mm x 12mm
T43004	13mm	9mm x 12mm
T43005	14mm	9mm x 12mm
T43006	15mm	9mm x 12mm
T43007	16mm	9mm x 12mm
T43008	17mm	9mm x 12mm
T43009	18mm	9mm x 12mm
T43010	19mm	9mm x 12mm
T43011	13mm	14mm x 18mm
T43012	14mm	14mm x 18mm
T43013	15mm	14mm x 18mm
T43014	17mm	14mm x 18mm
T43015	18mm	14mm x 18mm
T43016	19mm	14mm x 18mm
T43017	21mm	14mm x 18mm
T43018	22mm	14mm x 18mm
T43019	24mm	14mm x 18mm
T43020	27mm	14mm x 18mm
T43021	30mm	14mm x 18mm
T43022	32mm	14mm x 18mm
T43023	34mm	14mm x 18mm
T43024	36mm	14mm x 18mm
T43025	38mm	14mm x 18mm
T43026	41mm	14mm x 18mm

Ratchet Insert Tools (Push Type)

- Chrome Vanadium steel
- Fits interchangeable torque wrenches
- Uses with T39972, T39973, T39974



Model	Size	■ (mm)
T43080	1/4"	9mm x 12mm
T43081	3/8"	9mm x 12mm
T43082	3/8"	14mm x 18mm
T43083	1/2"	14mm x 18mm



T39976 8pc Interchangeable Torque Wrench Set

- Contents:
 - 1 - Torque handle (10 - 60Nm)
 - 1 - Insert geared ratchet head (3/8" Dr.)
 - 3 - Open ended insert tools: 10, 13, 17mm
 - 3 - Ring insert tools: 10, 13, 17mm



T39977 11pc Interchangeable Torque Wrench Set

- Contents:
 - 1 - Torque handle (40 - 200Nm)
 - 1 - Insert geared ratchet head (1/2" Dr.)
 - 9 - Open ended insert tools: 13, 14, 15, 17, 19, 22, 24, 27, 30mm



Torque Screwdrivers

- Tolerance of torque $\pm 5\%$
- 6.35mm (1/4") Hex drive for bit
- Automatic adjustable knob design
- Easy-to-read laser scale
- Ergonomic rubber grip



Model	Size	Torque Range
T39980	6.35mm (1/4") Hex Drive	10 - 120cNm
T39981	6.35mm (1/4") Hex Drive	1 - 6Nm
T39982	6.35mm (1/4") Hex Drive	3 - 15In/Lb
T39983	6.35mm (1/4") Hex Drive	10 - 50In/Lb

Preset Torque Screwdriver

- Tolerance of torque $\pm 5\%$
- 6.35mm (1/4") Hex drive for bit
- Ergonomic rubber grip
- Audible "Click" when torque reached
- The preset torque screwdriver are apply to the production line and where needs a particular torque for repetitive operation
- Quality meets DIN ISO 6789 & ASME B107.14M-1994



Model	Size	Torque Range
T39984	1/4" Dr.	0.2 - 1.6Nm



Torque Multipliers (Hex Type)

- Tolerance of torque $\pm 5\%$
- Precision geared mechanism applies high torque output with low input
- Heavy duty construction reduces maintenance procedures
- Torque Multiplier works in both directions
- To tighten/loosen nuts and bolts
- Great for removing over-tightened and seized nuts even when impact tools fail
- Ideal for use in large automotive shops, mining, heavy-duty engineering and remote locations where there is no access to air or electric power



Model	Input Sq.	Output Sq.	Gear Ratio	Torque Ratio	Max. Input Torque	Max. Output Torque
T39960	1/2" Dr.	3/4" Dr.	1:4	1:3.3	303Nm	1000Nm
T39961	1/2" Dr.	3/4" Dr.	1:9	1:6.5	231Nm	1500Nm
T39962	1/2" Dr.	1" Dr.	1:12	1:9	222Nm	2000Nm
T39963	1/2" Dr.	1" Dr.	1:16	1:12	208Nm	2500Nm
T39964	3/4" Dr.	1" Dr.	1:4	1:3.3	758Nm	2500Nm

T39969 5pc 1/2" (F) x 3/4" (M) 1500 Nm
Torque Multiplier Set (Hex Type)

T39970 5pc 1/2" (F) x 1" (M) 2500 Nm
Torque Multiplier Set (Hex Type)

T39971 5pc 3/4" (F) x 1" (M) 2500 Nm
Torque Multiplier Set (Hex Type)

- Contents:
 - 1 - Torque Multiplier
 - 1 - 380mm Reaction Bar
 - 1 - 90° Reaction Base
 - 1 - 90° Reaction Bar
 - 1 - Break-away Safety Adaptor



Warning: Do not use
with Impact Wrench.



T74705 Torque Angle Gauge

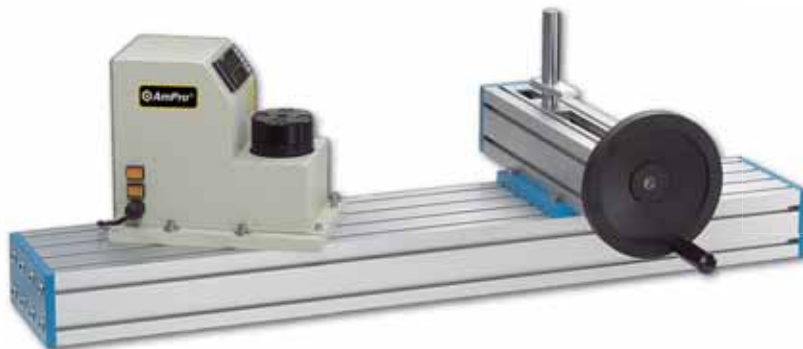
- Measures angle of rotation after pre-torque load in torque-angle applications
- 360 degree scale clearly marked in 2 degree increments & in intervals of 10 & 30
- Easily zero the gauge by turning housing for next application



10

T39900 Professional Torque Calibration Machine

- Quality meets DIN ISO 6789 and ASME B107.14M-1994
- Metrological accuracy ensuring reliability of test results
- Easy to operate
- Keeping the torque tester horizontally to remain within the tolerances specified by standard



Calibration	-500NM ~ 500NM
Resolution	1%
Display	-19999 ~ 99999
Accuracy	1%
Units of Measurement	KG-M / M-LB / NM / FT-LB
Reset Holding Time	0. ~ 9.9 sec.
Operating Temperture Range	+5°C ~ +50°C
Storage Temperture Range	0°C ~ +50°C

Maximum operating humidity	25 ~ 85% RH
Power Supply	90 ~ 260V AC @50-60 Hz
Power Consumption	1A
Power Cable	1700mm
Base Material / Finish	Aluminum Alloy / Silver Paint
Dimension	113 (L) x 20 (W) x 35 (H)cm
Weight	45.7 Kg