

Utica®

Utica Torque Verification Products. For All Your Critical Assembly Applications.



COOPER Tools

UTICA® A Name You Can Trust

Utica products, ranging from torque screwdrivers, ratchets and dial wrenches to electronic torque analyzers offer high quality solutions for the many critical torque applications in today's assembly market. Utica products add value to the assembly process by enabling you to assess and control both critical joint values as well as the torque accuracy of production tools. Whether the electronic, automotive, aerospace or general industry, Utica provides a wide range of products for most any assembly application.

Quality

Our goal is to provide high quality torque tools that will maintain accuracy as long as possible. Each Utica hand tool is calibrated according to ASME B107.14M standards before leaving the plant, using test equipment traceable to NIST. Certification can be provided with each tool for a nominal charge. Cooper Tools manufacturing processes are ISO 9001 certified, which means that the Utica brand is manufactured to the highest standards.



Utica® Dial Indicating Torque Wrenches

- Torque accuracy of +/- 4% Indicated Value (from 20% to 100% capacity) in either clockwise or counterclockwise direction
- Nickel-plated handle for improved durability
- Memory indicator remains at maximum torque achieved for accurate torque verification
- Slim drive for tight work areas

Dial Wrench With Protective Cage (protects crystal and dial from damage)

Model No.	Drive Size (in.)	Range ft.-lb	Graduations ft.-lb	Weight	
				lb.	kg
DA4350FMPC*x	3/4	0-350	10	7.0	3.2

*x includes extension bar.
Calibration certification may be provided with each tool for a nominal charge.



Nm/in.-lb. Scale

Model No.	Drive Size (in.)	Range		Graduations		Weight	
		Nm	in.-lb	Nm	in.-lb	lb.	kg
DA-3	1/4	0-3.2	0-30	0.1	1.0	1.8	0.8
DA-8	1/4	0-8.2	0-75	0.2	2.5	1.8	0.8
DA-16	3/8	0-16.5	0-150	0.5	2.5	1.9	0.9
DA-35	3/8	0-35.0	0-300	0.5	5.0	1.9	0.9
DA-70	3/8	0-70.0	0-600	1.0	10.0	2.0	0.9

Nm/ft.-lb. Scale

Model No.	Drive Size (in.)	Range		Graduations		Weight	
		Nm	ft.-lb	Nm	ft.-lb	lb.	kg
DA-70F	3/8	0-70	0-50	1.0	1.0	2.0	0.9
DA-140F	1/2	0-140	0-100	2.0	2.0	3.3	1.5
DA-240F	1/2	0-240	0-175	5.0	5.0	6.7	3.0
DA-320F*x	1/2	0-320	0-250	10.0	5.0	5.5	2.5
DA-480F*x	3/4	0-480	0-350	10.0	10	12.4	5.6
DA-820F*z	3/4	0-820	0-600	20.0	10	11.0	5.0

*x includes extension bar *z includes extension bar and helper bar

Utica® "Click" Type Torque Sensing Wrenches

- Torque accuracy is +/- 4% of setting right hand (clockwise) and +/- 6% of setting left hand (counterclockwise) within upper 80% of scale.
- Audible "click" and/or a few degrees of travel provide accurate torque verification.
- Ergonomic handle and slim, lightweight design reduces fatigue and facilitates use in confined work areas.

Ratchet Head (Nm Graduations)

Drive Size (in.)	Model No.	Range		Graduation		Length		Weight	
		Nm	Nm	in.	mm	lb.	kg		
3/8	TCM-75R	15-75	.5	14.75	375	2.2	1.0		
1/2	TCM-75R-1/2	15-75	.5	14.75	375	2.2	1.0		
1/2	TCM-150R	30-150	1.0	18.25	464	2.6	1.2		



Warranty

Torque products (excluding accessories) are warranted for:
Product - One (1) year from date of purchase to be free of defects in materials and workmanship.
Calibration - Ninety (90) days from date of purchase.
 This warranty does not extend to any product, which has been altered or abused.

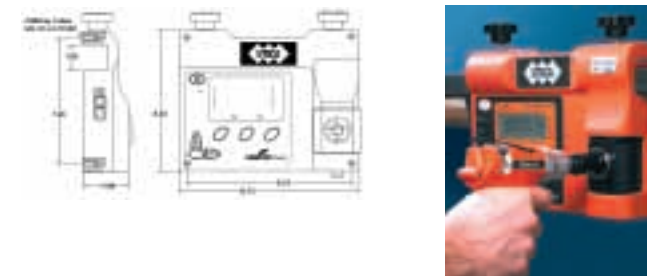
Rapid Select Means Fast Delivery

RAPID SELECT Models indicated with the Rapid Select icon represent our most popular tools, and are available for fast delivery in limited quantities.

Utica® TA4 Torque Analyzer

- Data output can be viewed via the LCD display, or downloaded to a computer via a supplied RS-232 cable.
- A data acquisition Excel add-in program is provided which provides for statistical analysis.
- Internal accuracy +/- 0.5% from 20% to 100% of range; +/- 1% from 10% to 19% of range.
- Seven engineering units of measurement: Oz In, Lb In, Lb Ft, Nm, cNm, KgfCm, KgfM.
- NiMH rechargeable batteries provide 8-10 hours of continuous use.
- Selectable filtering speeds: 500Hz, 1000Hz, 1500Hz and 3,000Hz for accurate torque readings on a variety of pulse tools.
- Audio and visual alarm when high torque or low torque limit is reached.
- NIST traceable certificate of calibration provided with each unit.

110V Model	220V Model	Torque Range		Square Dr.	
		English	Metric	In.	mm
TA4-05B-1	TA4-05B-2	5-50 in.-lb.	.56-5.64 Nm	1/4	6.35
TA4-10B-1	TA4-10B-2	10-100 in.-lb.	1.13-11.29 Nm	1/4	6.35
TA4-05F-1	TA4-05F-2	5-50 ft.-lb.	6.78-67.79 Nm	3/8	9.53
TA4-25F-1	TA4-25F-2	25-250 ft.-lb	33.90-338.95 Nm	1/2	12.7



Utica® TA4 Accessories

Run Down Adapters*

Part No.	English	Metric	Sq. Drive
01-9232	5-50 in.-lb	56-564 cNm	1/4"
01-9233	10-100 in.-lb	112-1129 cNm	1/4"
01-9240	5-50 ft.-lb.	6-67 Nm	3/8"
01-9242	25-250 ft.-lb.	33-338 Nm	1/2"

Square drives conform to ASME B107 standards for proper fit with transducer.



Power Supplies*

Part No.	Description
01-9201	110V power supply for all TA4 systems
01-9202	220V power supply for all TA4 systems

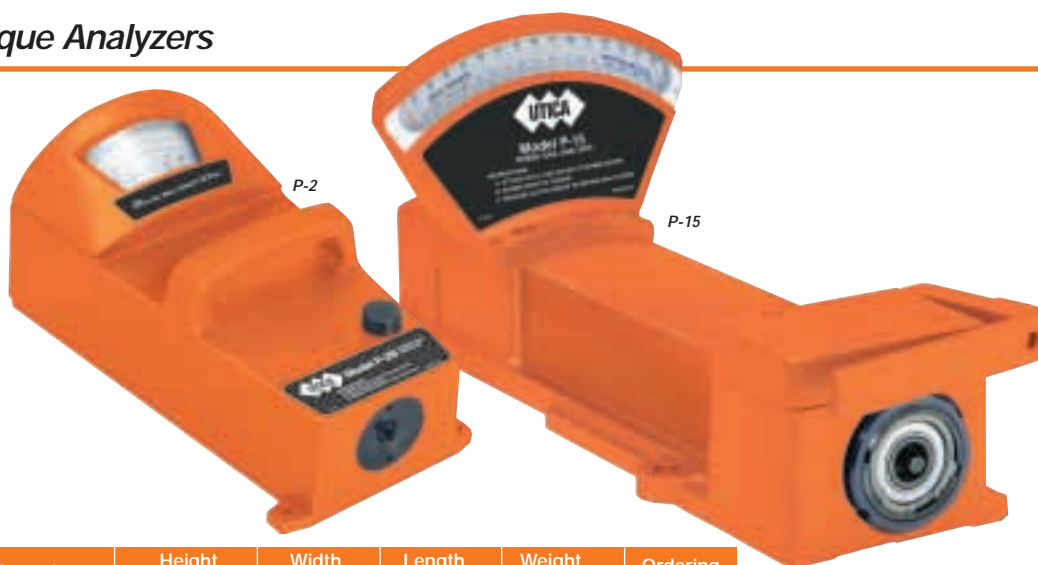
Cables

Part No.	Description
01-9205*	RS-232 Cable

*Each TA4 unit comes complete with the appropriate rundown adapter, power supply, RS-232 cable, an Excel add-in disc and case.

Utica® P-2 & P-15 Torque Analyzers

- Ideal for setting torque on pneumatic tools
- Accuracy of +/- 1% to nearest increment
- English or metric scale
- Quick brake release
- Easy to read dial



Model No.	Graduations	Capacity	Height		Width		Length		Weight		Ordering No.
			In.	mm	In.	mm	In.	mm	Lb.	kg	
P-2B	.5 in.-lbs.	20-2 in.lbs.	5.6	143	7.3	184	12	305	18	8.2	810681
MP-2B (metric)	.5 cm-kg	22-2 cm-kg	5.6	143	7.3	184	12	305	18	8.2	810682
P-15	2 in.-lbs.	150-5 in.lbs.	8	203	5	127	18	457	23	10.4	810002
MP-15 (metric)	5 cm-kg	180-5 cm-kg	8	203	5	127	18	457	23	10.4	810151

GENERAL

Drive Size: 1/4" male hex (P-2 series)
5/16" male hex (P-15 series)

OPTIONAL EQUIPMENT

Calibration Kit (P-2 series) – 810629
Calibration Kit (P-15 series) – 810080



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