



MOMENT ALPHA PRECISION DIGITAL WRENCH WITH TORQUE & ANGLE

ENSURE ACCURACY IN QUALITY OR PRODUCTION APPLICATIONS

Moment Alpha is a modular digital wrench/torque system that ensures accurate, measurable tightening every time. Designed for both torque and angle measurement, the system can be used in both quality and production applications.

With the introduction of the new Mechanical Click system, Moment Alpha offers increased functionality. Quick and easy torque validation with data collection to ensure accurate rundowns on critical joints.



MODULAR SYSTEM → ULTIMATE FLEXIBILITY

FEATURES

- Torque *and* angle measurement
- Modular system with automatic detection of accessories
- Bluetooth communication between wrench and controller
- One wrench/tablet analyzer to perform audits in full torque range from 0.5 – 1,000 Nm (with optional accessories)
 - Screwdriver mode from 0.5 – 5 Nm
 - Flexion mode (wrench) from 4 – 1,000 Nm
- Works in both clockwise and counter-clockwise operation
- Uses standard drive adapters
- Data collection with Data storage of 50,000 readings and 1,000 traces
- Tactile feedback to operator
- Rechargeable battery pack for wrench handle



Portable Controller



Bench-Mount Controller
AC Power

Extensions



WRENCH HANDLE



WRENCH HANDLE	TORQUE RANGE	LENGTH	WEIGHT	TORQUE TRANSDUCER ACCURACY	TIGHTENING ACCURACY	ANGLE TRANSDUCER ACCURACY
CPSKV00	Screwdriver Mode: 0.5 - 5 Nm Wrench Mode: 4 - 40 Nm (requires CPSJP81 adapter) 4 - 1,000 Nm (with appropriate extension*)	7.9" 200 mm	0.82 lb 0.37 kg	ISO 6789 < 1%	< ±4%	±1%

* Wrench handle supplied with battery. Specific extensions for specific torques available separately. Contact an AIMCO Customer Service Associate, 1-800-852-1368.

CONTROLLERS



CPSKT82 Portable Controller



CPSKR81 Bench-Mount Controller
AC Power

FEATURES

- Preset tightening settings
- Audible alarm
- Four tightening modes: Torque, Angle, Torque and Angle, Angle and Torque
- 7" color display touchscreen
- International units: Nm, kg/m, kp/m, ft-lb, in-lb, ft-oz, in-oz
- Sturdy and suited to industrial environments
- For greater flexibility, software is interchangeable between direct plug-in and battery-operated models

MODEL	DESCRIPTION	SIZE	WEIGHT
CPSKT82	Portable Controller w/out software	7.1" x 13.8" x 5.9" 180 x 350 x 150 mm	7.05 lbs 3.2 kg
CPSKR81	Bench-Mount Controller w/out software	8.7" x 5.4" x 1.3" 221 x 138 x 32 mm	1.05 lbs 0.5 kg
CPSK50	Production Premium Software		
CPSKU50	Quality Premium Software		

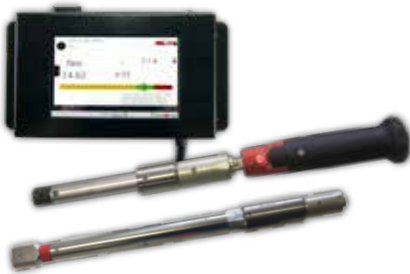
STANDARD SYSTEM (SHOWN WITH PORTABLE CONTROLLER)



	KIT MODEL*	PARTS INCLUDED
PRODUCTION	CPSKS00	Includes (1) Wrench, (1) Wrench Battery, (1) Battery Charger, (1) 40 Nm Adapter, (1) Bench-Mount Controller and Production Premium Software, (1) 200 Nm Extension, (1) 600 Nm Extension, and (1) 14 x 18 Ratchet Head
	CPSMH00	Includes (1) Wrench, (1) Wrench Battery, (1) Battery Charger, (1) 40 Nm Adapter, (1) Bench-Mount Controller and Production Premium Software
QUALITY	CPSKU00	Includes (1) Wrench, (1) Wrench Battery, (1) Battery Charger, (1) 40 Nm Adapter, (1) Portable Controller and Quality Premium Software, (1) 200 Nm Extension, (1) 600 Nm Extension, and (1) 14 x 18 Ratchet Head
	CPSMJ00	Includes (1) Wrench, (1) Wrench Battery, (1) Battery Charger, (1) 40 Nm Adapter, (1) Portable Plug-In Controller and Quality Premium Software

* Additional kits available. Contact an AIMCO Customer Service Associate, 1-800-852-1368.

CLICK WRENCH EXTENSIONS (SHOWN WITH BENCH-MOUNT CONTROLLER)



The Smart Click Wrench improves the torque validation process by offering Torque AND Angle measurement which can be used to error proof your process by detecting double hit and overshoot (thread stripping).

The controller stores 100,000 data points and 1,000 traces. The wrench provides tactical operator feedback with visual and audible queues.

EXTENSIONS AND ACCESSORIES



Battery, Battery Charger, Adapter

MODEL	DESCRIPTION	LENGTH	WEIGHT
CPSJP75	Battery Unit for Handle (includes 3 rechargeable AA batteries)		
CPSJP73	Battery Charger		
CPSJP81	Adapter 40 Nm	3.5" / 89 mm	0.03 lb / 0.01 kg

Extensions



MODEL	DESCRIPTION	SIZE	END EFFECTOR CONNECTION	WEIGHT
CPSKS86	Extension 100 Nm	5.71" / 145 mm	14 x 18*	0.06 lb / 0.03 kg
CPSKS81	Extension 200 Nm	14.41" / 366 mm	14 x 18*	1.1 lb / 0.5 kg
CPSKS85	Extension 300 Nm	27.06" / 688 mm	14 x 18*	2.6 lb / 1.2 kg
CPSKS87	Extension 400 Nm	30.27" / 769 mm	14 x 18*	3.08 lb / 1.4 kg
CPSKS82	Extension 600 Nm	42.72" / 1,085 mm	14 x 18*	5.07 lb / 2.3 kg
CPSKS98	Extension 1,000 Nm	70.86" / 1,800 mm	1"	5.07 lb / 2.3 kg
CLICK EXTENSIONS				
CPSPH05	Extension 5 - 25 Nm	6.85" / 174 mm	9 x 12*	1.15 lb / 0.5 kg
CPSPH10	Extension 10 - 50 Nm	9.21" / 234 mm	9 x 12*	1.4 lb / 0.6 kg
CPSPH20	Extension 20 - 100 Nm	12.09" / 307 mm	9 x 12*	1.65 lb / 0.7 kg
CPSPH30	Extension 30 - 150 Nm	15.59" / 396 mm	9 x 12*	1.85 lb / 0.8 kg
CPSPH40	Extension 40 - 200 Nm	17.83" / 453 mm	14 x 18*	3.5 lb / 1.6 kg
CPSPH60	Extension 60 - 340 Nm	21.30" / 541 mm	14 x 18*	4.3 lb / 2.0 kg

* End Effectors sold separately. Contact an AIMCO Customer Service Associate, 1-800-852-1368.



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