imada.com ®

FORCE & TORQUE MEASUREMENT
ISO 9001 & ISO/IEC 17025 ACCREDITED

Selectable Units

Selectable Unit, Digital Ratchet Torque Wrench

GEK Series: 30, 60, 85, 135, 200 N-m capacities

- Five programmable Go/No Go torque presets ideal for frequent operations.
- Selectable Units: lbf-in, kgf-cm, N-m
- Peak, peak with auto zero reset and Real Time modes
- High accuracy ±1.5% F.S. both CW and CCW directions
- The best known, rugged, high quality tools in Japan for over 60 years!
- ISO-6789 Compliant
- Calibration certificate traceable to NIST and carrying case included

Rigid Ergonomic Grip with Unique Power Sensor
keeps the torque point in the center of your hand. The built-in sensor accurately detects and analyzes load applied to the grip to enable more precise torque measurement regardless of hand position and skill level of the operator.

Forged Steel Ratchet Head
with positive-lock keeps sockets on the drive and the 36 tooth gear with double claw ratchet allows smaller movement between clicks.

Protective Cover
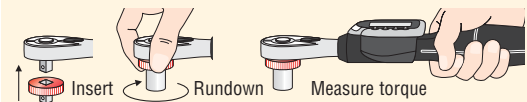minimizes damage to the electronics and screen from impacts and falls.

Large LED Lamp
easily visible even from the side.

Digital Ratchet Torque Wrenches have a forged steel ratchet head and feature a unique power sensor in the ergonomic handle which accurately detects and analyzes load applied to the grip to enable more precise torque measurement regardless of hand position, unlike other loading point sensitive wrenches.

These torque wrenches measure in peak mode, peak with auto zero reset, and real time. Five programmable Go/No Go torque presets stored in memory enable users to check frequently used values. The presets alert the user with an intermittent signal at 90% and a continuous signal at 100% of the preset torque value using LED and audible indicators (Presets cannot be set at less than 10% of capacity). Selectable units of lbf-in, lbf-ft, kgf-m, and N-m. Uses a lithium coin battery, Panasonic CR2354.

Optional splash resistant cover, model GEK-A, complies with IPX4, allows operation and protects from splashes in production environments.
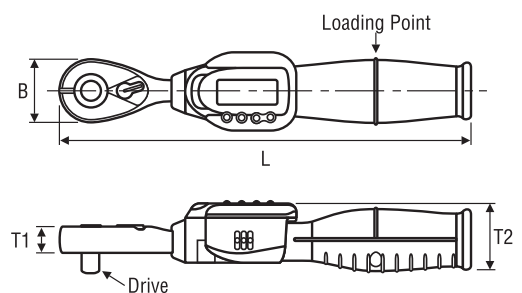
Optional Quick Spinners & Adapters

Quick Spinners and Spinner/Converters allow users to quickly rundown the bolt or nut using their fingers before applying torque.

A BE2-Q 1/4" to 1/4" Quick Spinner
    BE3-Q 3/8" to 3/8" Quick Spinner
    BE4-Q 1/2" to 1/2" Quick Spinner
B BAE23 converts 1/4" to 3/8" drive
C BAE34 converts 3/8" to 1/2" drive

Insert → Rundown   Measure torque

Spinner/Converters have a lower profile than conventional adapters

Conventional socket adapter

Specifications

Specifications	
Accuracy	±1.5% F.S.
Measuring direction	CW and CCW
Measuring unit	Selectable lbf-in, lbf-ft, kgf-m, N-m
Go/No Go Presets	5 storable preset torque values, Presets cannot be set at less than 10% of capacity
Auto Shut OFF	Power automatically turns off after 2 minutes of non-use
Battery	Lithium coin battery Panasonic CR2354
Battery Life	Approx. 2 months (100 usages per day)

Loading Point

Digital Ratchet Wrench Ranges & Dimensions

Model No.	lbf-in	lbf-ft	kgf-m	N-m	B	L	T1	T2	Drive
GEK030-R2E	13.4~265.4	1.12~22.12	0.160~3.060	1.50~30.00	22	211	10	36	1/4"
GEK030-C3E	13.4~265.4	1.12~22.12	0.160~3.060	1.50~30.00	22	211	10	36	3/8"
GEK060-R3E	13.5~531.0	1.15~44.25	0.160~6.120	1.50~60.00	33	217	13.5	36	3/8"
GEK085-R3E	19.0~752.0	1.60~62.70	0.21~8.66	2.0~85.0	33	271	13.5	36	3/8"
GEK135-R4E	28~1195	2.3~99.5	0.32~13.76	3.1~135.0	39.5	380	18	36	1/2"
GEK200-R4E	46~1770	3.8~147.4	0.55~20.40	5.2~200.0	39.5	580	18	36	1/2"

Selection Guideline: The recommended usage range should fall within 70% of the wrench capacity.

Specifications subject to change without notice.

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Digital Adjustable Torque Wrench

GEK Series: 85, 135, 200 N-m capacities

GEK200-W36E

■ Five programmable Go/No Go torque presets ideal for frequent operations.

■ Selectable units, lbf-in, lbf-ft, kgf-cm, N-m

■ Peak, peak with auto zero reset and Real Time modes

■ High accuracy ±1.5% F.S.

■ The best known, rugged, high quality tools for over 60 years

■ ISO-6789 Compliant

■ Calibration cert traceable to NIST and carrying case included

1st DIGITAL ADJUSTABLE

GEK135-W36E

GEK085-W36E

Digital Adjustable Torque Wrenches expand torque applications to places where a socket wrench cannot work. They feature forged steel jaws and a unique power sensor in the handle which accurately detects and analyzes load applied to the grip, regardless of hand position and specially designed jaws that maintain a constant working length whether open or closed, to enable more precise torque measurement.

These torque wrenches measure in peak mode, peak with auto zero reset, and real time. Five programmable Go/No Go torque presets stored in memory enable the user to check frequently used values. The presets alert the user with an intermittent signal at 90% and a continuous signal at 100% of the preset torque value using LED and audible indicators (Presets cannot be set at less than 10% of capacity). Selectable units of lbf-in, lbf-ft, kgf-m, and N-m. Uses a lithium coin battery, Panasonic CR2354.

Optional splash resistant cover, model GEK-A, complies with IPX4, allows operation and protects from splashes in production environments.

Unique Power Sensor in Rigid Ergonomic Grip
The unique built-in sensor accurately detects and analyzes torque applied to the grip to enable more precise torque measurement regardless of hand position and skill level of the operator. The ergonomic grip helps keep the torque point in the center of your hand.

Large LED Lamp is Even Visible from the Side

Splash Resistant Cover
minimizes damage to the electronics and screen from impacts and falls.

Specially Designed Jaws Maintain Constant Working Length
Constant working length, whether the jaws are open or closed, assures greater accuracy in measurement (measured from the bolt's rotational axis to the point where load is applied).

WORKING LENGTH

Apply load at the torque point in clockwise direction only

Specifications	
Accuracy	±1.5% F.S.
Measuring direction	CW with display facing you, CCW with display facing away from you
Measuring unit	Selectable lbf-in, lbf-ft, kgf-m, N-m
Go/No Go Presets	5 storable preset torque values, Presets cannot be set at less than 10% of capacity
Auto Shut OFF	Power automatically turns off after 2 minutes of non-use
Battery	Lithium coin battery, Panasonic CR2354
Battery Life	Approx. 2 months (100 usages per day)

Digital Adjustable Wrench Ranges & Dimensions										
Model No.	lbf-in	lbf-ft	kgf-m	N-m	W (mm)	B	L	T1	T2	Weight (g)
GEK085-W36E	19.0~752.0	1.60~62.70	0.21~8.66	2.0~85.0	10~36	69	275.2	14.5	36	560
GEK135-W36E	28~1195	2.3~99.5	0.32~13.76	3.1~135.0	10~36	69	381.2	14.5	36	680
GEK200-W36E	46~1770	3.8~147.4	0.55~20.40	5.2~200.0	10~36	69	581.2	14.5	36	990

Selection Guideline: The recommended usage range should fall within 70% of the wrench capacity.

Specifications subject to change without notice.