

RotoGen

ELEVATE · INNOVATE · PRECISION

toolmec.in



Standard Series

Product Features

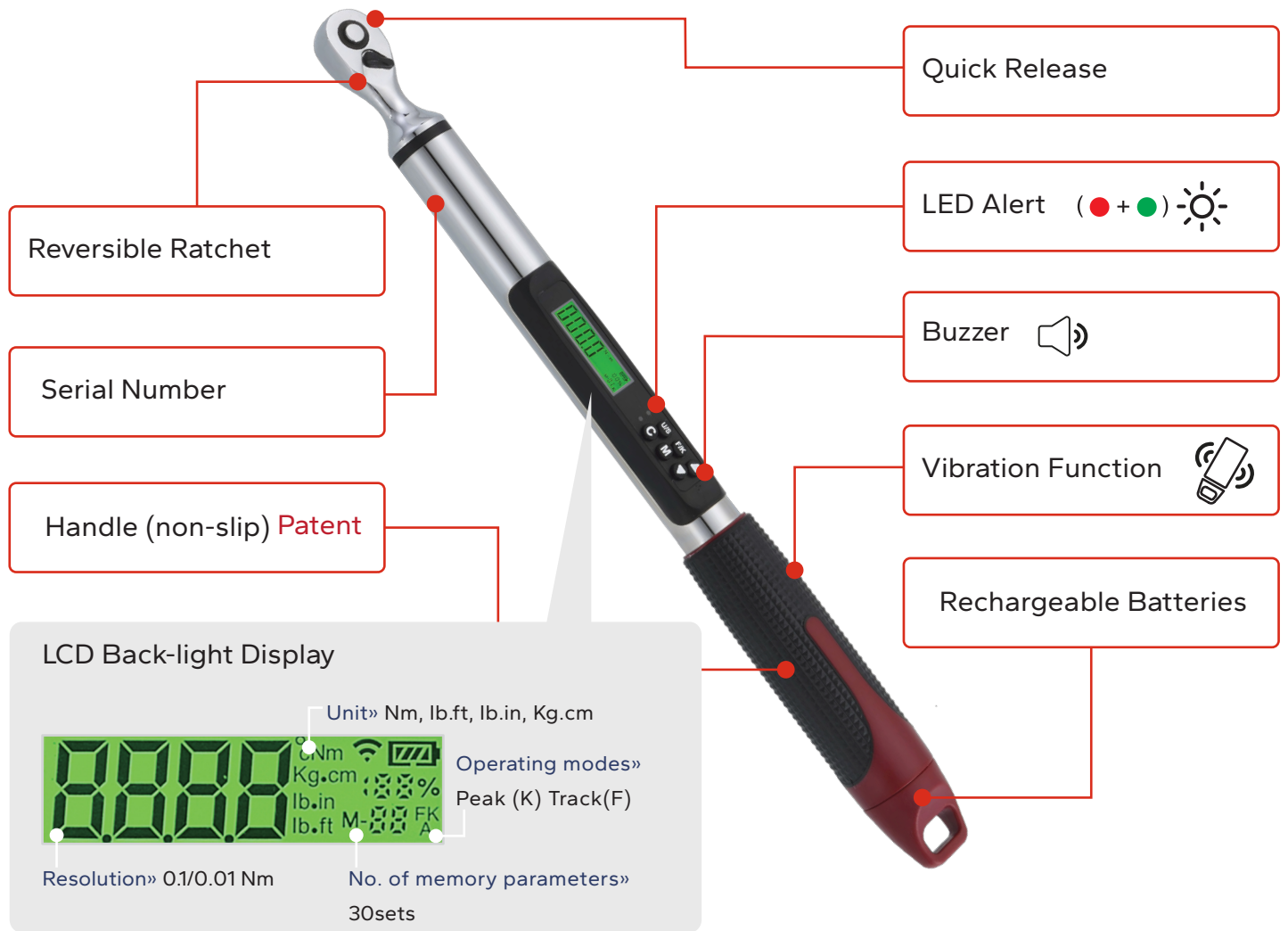
Digital Torque Wrench

Digital Torque Adaptor

Digital Interchangeable Torque Wrench

Digital Flexible Torque Wrench

Product Features



Other Specification

Operating temperature» -10°C~60°C | Storage temperature» -20°C~70°C | Humidity: Up to 90% non-condensing |
 Battery Life (standard mode): 1 year | Battery Life (continuous operation): 110hrs (Adaptor series 37hrs) | Drop Test: 1m |
 Shaking test: 10G | **Service life test: 10000 cycles** | Environmental test: PASS | **EMC test: PASS**

Torque Conversion Table

UNIT	mN.m	cN.m	N.m	ozf.in	lbf.in	lbf.ft	gf.cm	kgf.cm	kgf.m
1 mN.m	1	0.1	0.001	0.142	0.009	0.0007	10.2	0.01	0.0001
1 cN.m	10	1	0.01	1.416	0.088	0.007	102	0.102	0.001
1 N.m	1000	100	1	141.6	8.851	0.738	10197	10.2	0.102
1 ozf.in	7.062	0.706	0.007	1	0.0625	0.005	72	0.072	0.0007
1 lbf.in	113	11.3	0.113	16	1	0.083	1152.1	1.152	0.0115
1 lbf.ft	1365	135.6	1.356	192	12	1	13826	13.83	0.138
1 gf.cm	0.098	0.01	0.0001	0.014	0.0009	0.00007	1	0.001	0.00001
1 kgf.cm	98.07	9.807	0.098	13.89	0.868	0.072	1000	1	0.01
1 kgf.m	9807	980.7	9.807	1389	86.8	7.233	100000	100	1



RG-DMTQ SERIES

Digital Torque Wrench

Accuracy: CW: ±1.5% CCW: ±2.5%		Min. Scale Unit: RG-DGTQ30-1 (0.01Nm), other (0.1Nm)						
Model No.	T	Driver	Max. Operating Range	Setting Range				Max. Torque Load / DIN Standards (Nm)
RG-DGTQ30-1	72	1/4"	30 Nm	1.5~30 Nm	1.11~22.12 lb.ft	13.3~265.5 lb.in	15.3~306.1 kg.cm	88.0/62.0
RG-DGTQ30-2	72	3/8"	30 Nm	1.5~30 Nm	1.11~22.12 lb.ft	13.3~265.5 lb.in	15.3~306.1 kg.cm	294.0/202.0
RG-DGTQ60-2	72	3/8"	60 Nm	3.0~60 Nm	2.22~44.24 lb.ft	26.6~531 lb.in	30.6~612.2 kg.cm	294.0/202.0
RG-DGTQ135-2	72	3/8"	135 Nm	6.8~135 Nm	5.0~99.5 lb.ft	60~1195 lb.in	69~1378 kg.cm	294.0/202.0
RG-DGTQ135-3	72	1/2"	135 Nm	6.8~135 Nm	5.0~99.5 lb.ft	60~1195 lb.in	69~1378 kg.cm	735.0/512.0
RG-DGTQ200-3	72	1/2"	200 Nm	10~200 Nm	7.4~147.5 lb.ft	88~1770 lb.in	102~2041 kg.cm	735.0/512.0
RG-DGTQ340-3	72	1/2"	340 Nm	17~340 Nm	12.5~250.7 lb.ft	150~3009 lb.in	173~3469 kg.cm	735.0/512.0
RG-DGTQ600-4	24	3/4"	600 Nm	60~600 Nm	44.28~442.8 lb.ft	53.11~5311 lb.in	612~6120 kg.cm	1836/1412
RG-DGTQ800-4	24	3/4"	800 Nm	80~800 Nm	59.04~590.4 lb.ft	708.1~7081 lb.in	816~8160 kg.cm	1836/1412
RG-DGTQ800-5	24	1"	800 Nm	80~800 Nm	59.04~590.4 lb.ft	708.1~7081 lb.in	816~8160 kg.cm	3270/2515
RG-DGTQ1000-4	24	3/4"	1000 Nm	100~1000 Nm	73.8~738 lb.ft	885.1 8851 lb.in	10.2~102 kg.m	1836/1412
RG-DGTQ1000-5	24	1"	1000 Nm	100~1000 Nm	73.8~738 lb.ft	885.1 8851 lb.in	10.2~102 kg.m	3270/2515

RG-DMTS SERIES

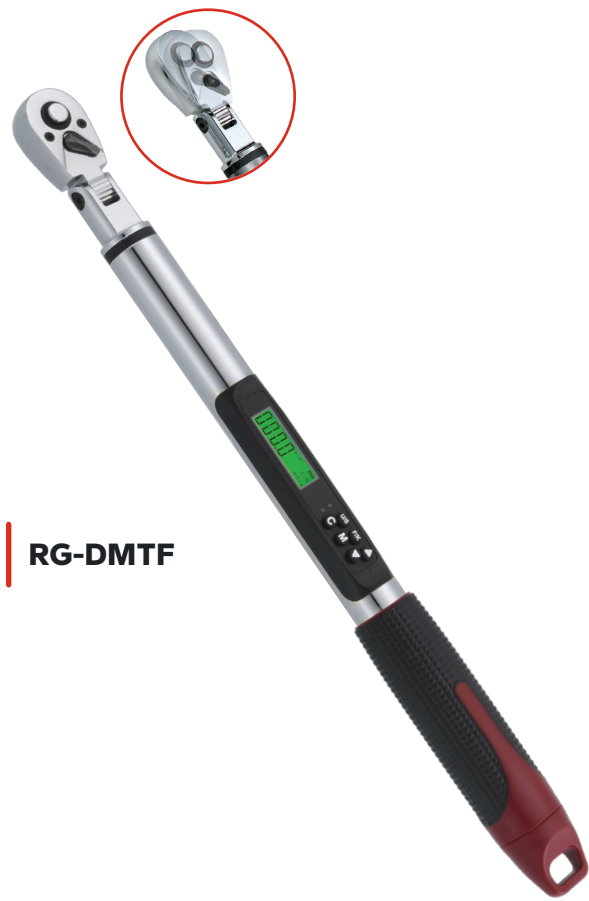
Digital Torque Adaptor



Accuracy: CW: ±1.5% CCW: ±2.5%		Min. Scale Unit: 0.1Nm					
Model No.	Inches	Max. Operating Range	Setting Range				Max. Torque Load / DIN Standards (Nm)
RG-DGTS135-1	3/8"	135 Nm	6.8~135 Nm	5.0~99.5 lb.ft	60~1195 lb.in	69~1378 kg.cm	306.0/202.0
RG-DGTS200-2	1/2"	200 Nm	10~200 Nm	7.4~147.5 lb.ft	88~1770 lb.in	102~2041 kg.cm	796.0/512.0
RG-DGTS340-2	1/2"	340 Nm	17~340 Nm	12.5~250.7 lb.ft	150~3009 lb.in	173~3469 kg.cm	796.0/512.0



RG-DMTI



RG-DMTF

RG-DMTI SERIES

Digital Interchangeable Torque Wrench

Accuracy: CW: ±2% | CCW: ±3%

Min. Scale Unit: RG-DGTI30-1 (0.01Nm), other (0.1Nm)

Model No.	Driver/Insert	Max. Operating Range	Setting Range	Max. Torque Load / DIN Standards (Nm)
RG-DGTI30-1	1/4" 9x12mm	30 Nm	3~30 Nm 2.22~22.12 lb.ft 26.6~265.5 lb.in 30.6~306.1 kg.cm	88.0/62.0
RG-DGTI60-2	3/8" 9x12mm	60 Nm	6~60 Nm 4.22~44.24 lb.ft 53.2~531 lb.in 61.2~612.2 kg.cm	294.0/202.0
RG-DGTI135-2	3/8" 9x12mm	135 Nm	13.5~135 Nm 10~99.5 lb.ft 120~1195 lb.in 138~1378 kg.cm	294.0/202.0
RG-DGTI135-3	1/2" 14x18mm	135 Nm	13.5~135 Nm 10~99.5 lb.ft 120~1195 lb.in 138~1378 kg.cm	735.0/512.0
RG-DGTI200-3	1/2" 14x18mm	200 Nm	20~200 Nm 14.8~147.5 lb.ft 176~1770 lb.in 204~2041 kg.cm	735.0/512.0
RG-DGTI340-3	1/2" 14x18mm	340 Nm	34~340 Nm 25~250.7 lb.ft 300~3009 lb.in 346~3469 kg.cm	735.0/512.0

RG-DMTF SERIES

Digital Flexible Torque Wrench

Accuracy: CW: ±2% | CCW: ±3%

Min. Scale Unit: RG-DGTF30-1 (0.01Nm), other (0.1Nm)

Model No.	T	Driver	Max. Operating Range	Setting Range	Max. Torque Load / DIN Standards (Nm)
RG-DGTF30-1	72	1/4"	30 Nm	3~30 Nm 2.22~22.12 lb.ft 26.6~265.5 lb.in 30.6~306.1 kg.cm	88.0/62.0
RG-DGTF135-2	72	3/8"	135 Nm	13.5~135 Nm 10~99.5 lb.ft 120~1195 lb.in 138~1378 kg.cm	294.0/202.0
RG-DGTF200-3	72	1/2"	200 Nm	20~200 Nm 14.8~147.5 lb.ft 176~1770 lb.in 204~2041 kg.cm	735.0/512.0
RG-DGTF340-3	72	1/2"	340 Nm	34~340 Nm 25~250.7 lb.ft 300~3009 lb.in 346~3469 kg.cm	735.0/512.0