



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

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Digital Torque Tester/Screwdriver

**Models: DIR-RL005 (0.400 lbf-in), DIR-RL05 (4.400 lbf-in)
DIR-RL2 (17.70 lbf-in), DIR-RL10 (88.5 lbf-in)**

- Programmable High/Low setpoints with audible beep for uniform torque tightening or Go/No Go testing
- Peak, Real Time, Peak Down and Continuous Output modes (selectable)
- Selectable units lbf-in, kgf-cm, N-cm and N-m
- USB and RS232 output (1 data) or continuous data (12 or 180 data/sec)
- Statistics: number of data, Max, Min, Avg
- CW and CCW operation
- 800 data memory for recall or for SPC download
- Zero reset button on the driver for easy operation
- Runs on internal NiMh batteries (8 hour use)
- DIR-RL05 includes 4mm stepless CW one-way clutch Phillips tip, 4mm Phillips tip, AC charger.
- DIR-RL2/10 has 1/4" square drive and AC charger. DIR-RL10 includes handles.
- Optional hard plastic carrying case available

**USB
Data Output**



DIR-RL Ranges Accuracy $\pm 0.5\%$ F.S., ± 1 LSD

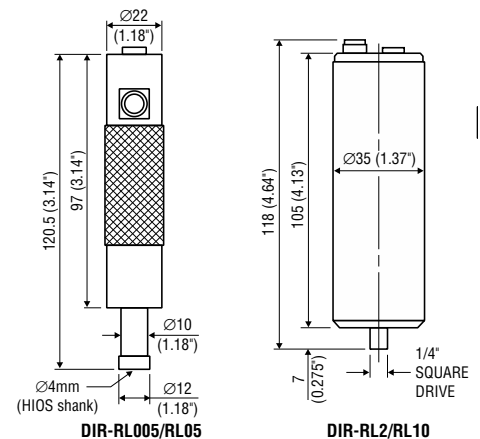
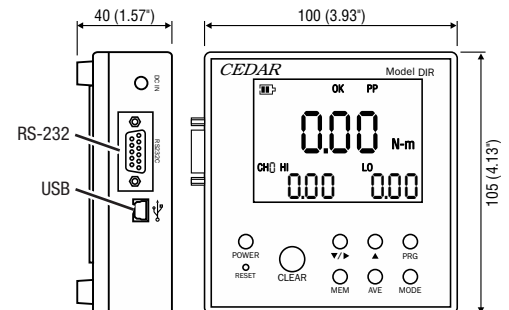
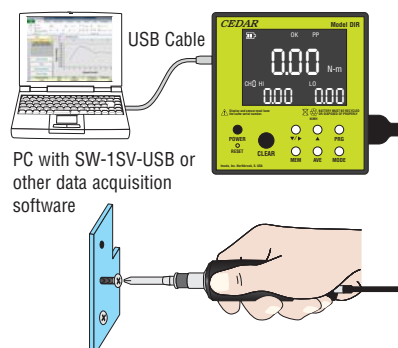
Model	Capacity (Resolution)					
	ozf-in	lbf-in	kgf-cm	mN-m	N-cm	N-m
DIR-RL005	7.000 (0.001)	—	0.500 (gf-cm)	50.00 (0.01)	5.000 (0.001)	—
DIR-RL05	70.00 (0.01)	4.500 (0.001)	5.000 (0.001)	500.0 (0.1)	50.00 (0.01)	—
DIR-RL2	—	17.00 (0.01)	20.00 (0.01)	—	200.0 (0.01)	2.000 (0.001)
DIR-RL10	—	88.0 (0.1)	100.0 (0.1)	—	1000 (1)	10.00 (0.01)

DIR-RL Torque Screwdrivers measure peak torque, tighten to the desired torque using high/low setpoints and capture the critical first peak torque value when performing breakaway torque tests.

DIR-RL Torque Screwdrivers are ergonomically designed, lightweight and rugged enough to be used as a production tool.

The testers offer programmable setpoints for uniform tightening or Go/No Go testing, send peak (1 data) or continuous data (12 or 180 data per second) via the USB virtual COM port, and have an accuracy of $\pm 0.5\%$ F.S., ± 1 LSD.

Optional data acquisition software is available.



Optional Attachment for DIR-RL2/10

Ratchet RA2
CW, CCW and fixed operation (1/4" hex)

Specifications subject to change without notice.

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