

# DLT1173A/1673A/1973A series

■ Torque Checker

## Features

### Maintaining high assembly quality with ease

- Measured data is stored even after the power is turned off, preventing any data loss
- Energy saving type with AUTO POWER OFF function (Power is automatically turned off when left unused for 10 minutes)
- A program designed for uploading the data stored in the "delvo" torque checkers to a computer is available to download free from the NITTO KOHKI website: [www.nitto-kohki.co.jp/e/prd/e-dl/delvo.html](http://www.nitto-kohki.co.jp/e/prd/e-dl/delvo.html)



DLT1673A



DLT1973A

Click



## Specifications

Model	DLT1173A	DLT1673A	DLT1973A
Measurement Range (Nm)	0.015 - 1.500	0.15 - 10.00	4.00 - 12.00
Calibration Precision	Within ± 0.5% (Full Scale) For 0.2 Nm or less ± 1 digit	Within ± 0.5% (Full Scale) For 2 Nm or less ± 1 digit	Within ± 0.5% (Full Scale)
Display	4-digit digital display (Single-line) Data sampling : 1,000 times/sec. Display rate : 12 times/sec.		
Measuring Unit	kgf · cm, Nm, lbf · in (selectable)		
Data Memory	800 pieces of data		
Measuring Direction	CW and CCW		
Measuring Mode	3 modes : PD-TR-PP		
Auto Power Off	Power off if left untouched for 10 minutes		
External Output	As per USB output Mitsutoyo Digimatic		
Analog Output	Approx. 1.5 V max.	Approx. 1.0 V max.	Approx. 1.1 V max.
Continuous Operation Time	No zero offset; identical waveforms produced in PP, PD, and TR modes 20 hours		
External Dimensions (mm)	W160 × D110 × H47		W200 × D112 × H48.5
Mass (kg)	1.1		1.4
Rechargeable Battery	Nickel metal hydride battery		
Charger Type	DLE1833A		
Input Voltage for Charger	100 - 240 V AC, 50/60 Hz		
Charging Time	4 hours		
Plug Shape (Asia & Europe)	<b>Asia</b> 		<b>Europe</b> 

## Standard Accessories

	DLT1173A	DLT1673A	DLT1973A
Joint/Bit	Screw Joint	Bit Joint	Soft Joint
Model	DLW4430	DLW4360	DLW4660
Measuring (Nm)	0.15 - 1.5	0.15 - 6.5	0.15 - 1.5
			DLW4000
			4.0 - 12.0

delvo