

DLV7300 series

■ For Miniature Screws (1.0 - 3.5 mm)

Features

- The dedicated controller realizes high-accuracy screw tightening
- High repeatable torque accuracy
- The controller provides a soft start function. The initial speed at screwdriver startup can therefore be slowed down, effectively preventing screw heads from being scratched.
- Variable speed adjustment enables to select optimum screw tightening speed.
- DLV7325, DLV7335 meet Class 5*1 Clean Room standards

*1: Based on Nitto's standard of measurement

DLV7313/7323/7333

DLV7321/7331

DLV7325/7335

DLC1213A

Specifications

Specifications			Standard			Clean Room Use	
Electric Screwdriver	Model	Bit Shank: ø4 mm	DLV7313-CME	DLV7323-CME	DLV7333-CME	DLV7325-CME*2	DLV7335-CME*2
		DLV7321-CME		DLV7331-CME			
		Bit Shank: Hex.6.35 mm		DLV7323-CKE	DLV7333-CKE	DLV7325-CKE	DLV7335-CKE
		DLV7321-CKE		DLV7331-CKE			
	Starting Method		Lever Start				
	Input Voltage		36 V DC				
	Torque Adjustment		Stepless				
	Torque (Nm)	0.03 - 0.15	0.05 - 0.5	0.3 - 1.2	0.05 - 0.5	0.3 - 1.2	
	Free Speed (min ⁻¹)	700 - 1,000		500 - 700	700 - 1,000	500 - 700	
	Power Consumption (W)		Approx. 35				
Screw Size (mm)	Machine Screw	Up to 2.0	1.0 - 3.0	2.0 - 3.5	1.0 - 3.0	2.0 - 3.5	
	Tapping Screw	Up to 1.7	1.2 - 2.6	2.0 - 3.0	1.2 - 2.6	2.0 - 3.0	
Mass (g)		350			400		

Bit Type (mm)	For CME	For CKE

*2 : Vacuum pump for suction of screw is available as option. See page 31 for details of the vacuum pump.

Optional Accessories

Torque Adjustment Ring Cover for DLV7303
DLW5500 (TD00333)

This minimizes tampering or accidental turning of the torque adjustment ring once the torque is set.

Model	Features	Input Voltage	Control Function	Plug Shape	Mass(kg)
DLC1213A-EN	Standard	100 V AC, 50/60 Hz	Soft start, Speed control	Asia	2.3
DLC1213A-FE*3	Standard	115 V AC, 50/60 Hz		UK	
DLC1213A-GE	Standard	220 V AC, 50/60 Hz		Europe	
DLC1213A-GG	With CE Mark	230 V AC, 50/60 Hz		UK	
DLC1213A-GG U	With CE Mark	230 V AC, 50/60 Hz		Without Plug	
DLC1213A-HE	Standard	240 V AC, 50/60 Hz		Without Plug	
DLC1215-EN*4	2 Screwdrivers for 1 Controller	100 V AC, 50/60 Hz	Soft start, Speed control	Asia	0.36
DLC1215-GE*4	2 Screwdrivers for 1 Controller	220 V AC, 50/60 Hz		Without Plug	
DLC2310-CE*4	Multiple Controller	24 V AC, 50/60 Hz		Without Plug	
DLE3610A-EN*4	Power Supply for DLC2310-CE	100 V AC, 50/60 Hz		Asia	9

*3 : This model is made to order. *4 : See page 16 for details of the models other than DLC1213A series.

Plug Shape	Asia	Europe	UK

Standard Accessories

No.	DLV7313 -CME	DLV7321 / 23 -CME	DLV7331 / 33 -CME	DLV7321 / 23 / 31 / 33-CKE	DLV7325 -CME	DLV7335 -CME	DLV7325 / 35 -CME
Bit							
No.0 x 1.8 x 44	1	—	—	—	—	—	—
No.0 x 2.5 x 44	1	1	—	—	1	—	—
No.1 x 3 x 44	—	—	1	—	—	1	—
No.1 x 4 x 44	—	1	—	—	1	—	—
No.1 x 7 x 50	—	—	—	1	—	—	—
No.2 x 4 x 44	—	—	1	—	—	1	—
No.2 x 4.5 x 50	—	—	—	—	—	—	1
No.2 x 7 x 50	—	—	—	1	—	—	—
Sleeve							
DLS2124	—	—	—	—	1	—	—
DLS2127	—	—	—	—	1	1	—
DLS2130	—	—	—	—	1	1	—
DLS2134	—	—	—	—	—	1	—
DLS2135	—	—	—	—	—	—	1
Suspension Bail	1						

External Dimensions

