

# 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

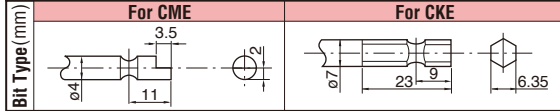
\*1: Based on Nitto's standard of measurement



DLV7313/7323/7333    DLV7321/7331    DLV7325/7335    DLC1213A

## Specifications

Model	Bit Shank: ø4 mm Bit Shank: Hex.6.35 mm	Standard			Clean Room Use	
		DLV7313-CME	DLV7323-CME DLV7321-CME DLV7323-CKE DLV7321-CKE	DLV7333-CME DLV7331-CME DLV7333-CKE DLV7331-CKE	DLV7325-CME*2 DLV7325-CKE	DLV7335-CME*2 DLV7335-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 <sup>-1</sup> )		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	



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

## Optional Accessories

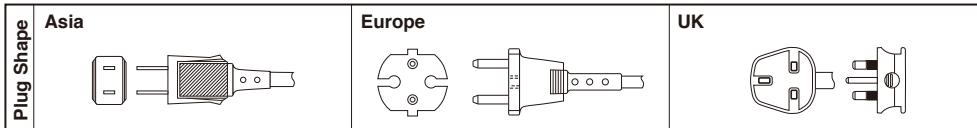


**Torque Adjustment Ring Cover for DLV7303**  
DLW5500 (TD00333)

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	Multiple Controller	Asia	0.36
DLC1215-GE*4	2 Screwdrivers for 1 Controller	220 V AC, 50/60 Hz		Asia	
DLC2310-CE*4	Multiple Controller	24 V AC, 50/60 Hz		Asia	
DLE3610A-EN*4	Power Supply for DLC2310-CE	100 V AC, 50/60 Hz		Asia	

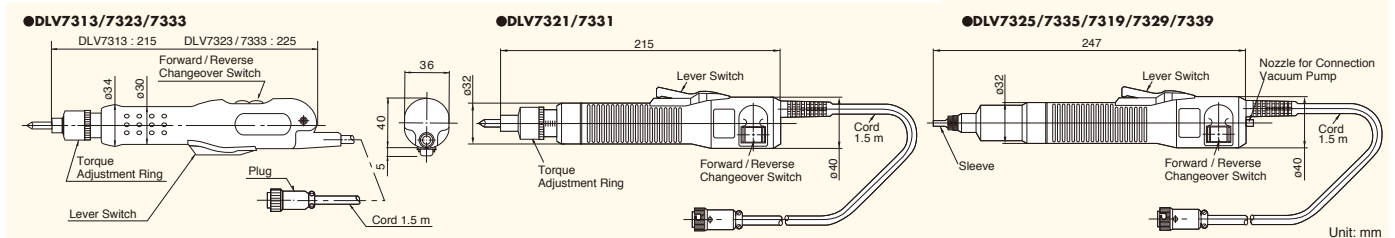
\*3 : This model is made to order. \*4 : See page 16 for details of the models other than DLC1213A series.



## 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 × 1.8 × 44	1	—	—	—	—	—	—
No.0 × 2.5 × 44	1	1	—	—	1	—	—
No.1 × 3 × 44	—	—	1	—	—	1	—
No.1 × 4 × 44	—	1	—	—	1	—	—
No.1 × 7 × 50	—	—	—	1	—	—	—
No.2 × 4 × 44	—	—	1	—	—	1	—
No.2 × 4.5 × 50	—	—	—	—	—	—	1
No.2 × 7 × 50	—	—	—	1	—	—	—
Sleeve							
DLS2124	—	—	—	—	1	1	—
DLS2127	—	—	—	—	—	—	—
DLS2130	—	—	—	—	1	1	—
DLS2134	—	—	—	—	—	1	—
DLS2135	—	—	—	—	—	—	1
Suspension Bail				1			

## External Dimensions



## Torque Diagram (for reference)

