



ISO 14001
JQA-EM4057
NITTO KOKHI CO., LTD.
Research Center



MS
JAB
CERTIFIED



ISO 9001
JACO
QC003103E
051



VKA 5
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Cat.No. **Dk312**

delvo

BRUSHLESS ELECTRIC SCREWDRIVERS

**Long-life brushless motors
are incorporated into electric screwdrivers.**

Wide torque range from 0.4 to 7.0 Nm
with free speed 650, 1,200 or 2,000 min⁻¹
(speed adjustable)



DLV30LP-IKE



DLV70LL-IKE



DLR70S-WGB

With universal input voltage
from 100 to 240 V AC



The newly designed clutch mechanism offers precise torque repeatability
over sustained periods of use.

Enhanced Versatility by Combining Controller and Counter

Screw Fastening Counter Model DLR70S-WGB Designed Exclusively for DLV30/45/70-IKE series

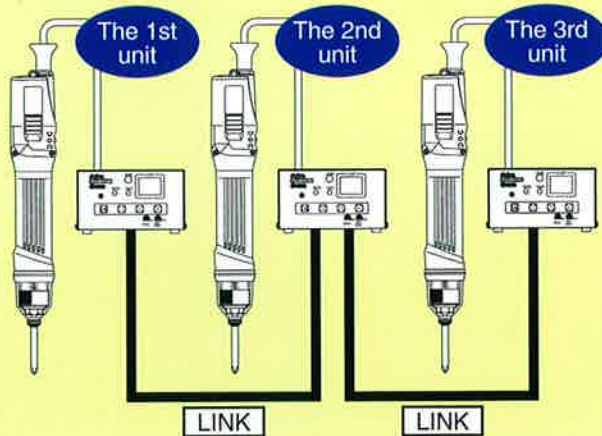
- This model has a "Count Correction" function that does not count alien screws with different length, refastened screws that were initially fastened sufficiently, or incompletely fastened screws that were fastened in a slanting direction or stopped fastening in midcourse.
- "Count Back" function reverses the counting when a screw is unfastened.
- Up to four different screw fastening programs can be stored in the internal memory for a wide variety of assembly work.
- Sequential screw tightening system (Link Function) can be built up with up to 10 screwdriver/controller sets connected in series.
- Equipped with "Stepless Speed Adjustment" function and "Soft Start" function.
- Universal input voltage from 100 to 240 V for convenient installation.



LINK Function

When counters are connected and activated in the screw fastening sequence as shown below, all screwdrivers are on standby except the first one in the sequence. Only when the first screw fastening is finished, can the next screwdriver change from standby to ready. When the last fastening in the sequence is finished, the first screwdriver is once again ready and the sequence can be repeated again.

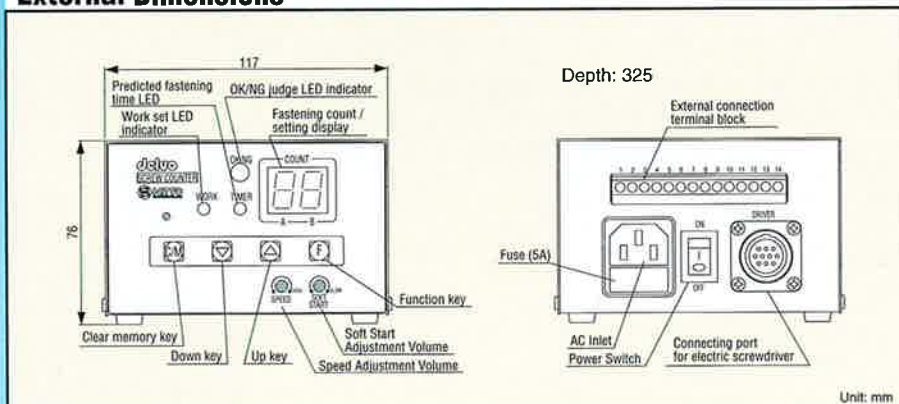
N.B. Up to 10 screwdriver/counter sets can be connected to the LINK.



Specifications

Model	DLR70S-WGB
Input Voltage	100 - 240 V AC
Output Voltage	40 V DC
Speed Control Function	60 - 100 %
Soft Start Function	0 - 2 sec
Count	0 - 99
Allowable Number of Screw Fastening Programs	4
Counting Method	Count-up / Count-down
Count Correction Function	Count normal fastening only
Self Adjustable Timer Setting	0.01 to 0.99 seconds
OK Output Timer Setting	0 to 9.5 seconds
Count Back Function	ON / OFF
OK / NG Buzzer	ON / OFF
Input Signal	WORK / RESET / LINK-IN / CH1 / CH2 / TORQUE CHECK
Output Signal	OK / NG / LINK-OUT / TORQUE UP
Mass (kg)	2.1
Size W x L x H (mm)	117 x 325 x 76
Bit Grounding	Ready (With a 1MΩ resistor) Power cord (2 m): 1
Standard Accessories	Plug shape: Europe (VDE type) Fuse (5 A): 1

External Dimensions



DLV30/45/70-IKE can be operated by one standard DLR70S-WGB.



Dedicated Controller

Controller Model DLC70S-WGB Designed Exclusively for DLV30/45/70-IKE series

- Universal input voltage from 100 to 240 V AC for convenient installation.
- The controller provides soft start function. The slow startup prevents screw heads from possible damage caused by the disengaged bit.
- Stepless speed adjustment function widens the speed range from 390 to 2,000⁻¹ for various applications.
- The controller outputs: Start, torque-up and reverse is via a dry contact method. These signals can be used for counting up tightened screws and preventing screw tightening errors.
- Applying 24 V DC to the designated terminals on the controller brings the screwdriver to an immediate stop in emergency cases.
- Can be installed either horizontally or vertically.



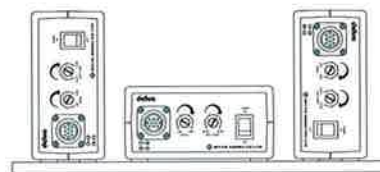
DLV30/45/70-IKE can be operated by one standard DLC70S-WGB.



Specifications

Model	DLC70S-WGB
Function	Speed control and soft start
Input Voltage	100 - 240 V AC
Output Voltage	40 V DC
Output Signal (contact point type)	Start, Torque up, Reverse(Dry contact)
Input Signal	Drive Stop Function (With DC 24 V Input Voltage needed)
Mass (kg)	1.8
Size W x L x H (mm)	132 x 297 x 67
Bit Grounding	Ready(With a 1M Ω resistor)
Standard Accessories	Power cord(2 m): 1 Plug shape: Europe(VDE type) Rubber feet: 4 Fuse(5 A): 1

Installation



External Dimensions

