

Real-Time OK/Error Detecting Screwdriver

## PG Brushless®

### Brushless Driver Series

Are those screws properly tightened?

Pass-guard, for tightening all screws

Tighten

Check

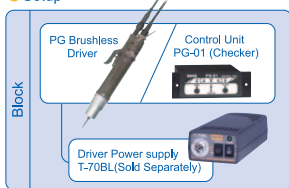
Save



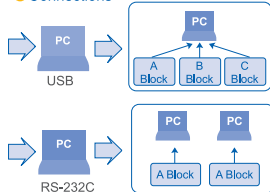
The color of actual drivers may differ from the picture

## Pass-guard System Setup and Connections

### ● Setup



### ● Connections



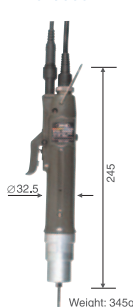
## Driver Power Supply T-70BL (Sold separately)

### ● Specifications

Model	T-70BL (Supports 1 driver)
Input voltage	AC100V-240V (47-63 Hz)
Power consumption	70W
Secondary output	2 step HI / LOW
External Dimensions (mm)	88x210x52 (H) mm
Weight (g)	830g
Power cord length (m)	1.8m (Insulated)
Accessories	Mounting brackets (2), Mounting screws (4)

## PG Brushless Drivers

### Lever start type PG-3000



### Lever start type PG-5000



### Lever start type PG-7000



⚠ The PG Brushless body uses an antistatic body case to prevent the generation of static electricity, which is suitable for the assembly of precision equipment and electronic parts.

### ● Specifications

\*PG Drivers are available only lever-start type

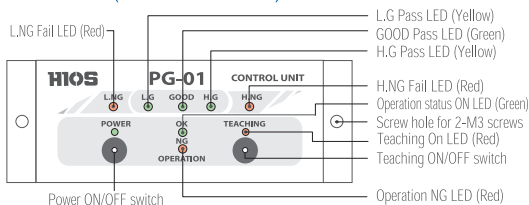
Model	PG-3000	PG-5000	PG-7000
Output Torque	N·m	0.2-0.55	0.4-1.2
Range	lbf·in	1.7-4.8	3.5-10
	(kgf·cm)	(2-5.5)	(4-12)
Torque Switching	Stepless Adjustment		
Unloaded Rotation Speed (rpm) ±10%	High	980	900
	Low	680	590
Screw Size	Small Size Screw	1.7-2.3	2.3-3.0
	Tapping Screw	2.0-2.3	2.6-5.0
Bit Type	Hios H4	Hios H4	Hios H5 or 1/4HEX
Driver cord length / Sensor cord length (m)	2m(6P) / 2m	2m(6P) / 2m	2m(6P) / 2m
Included accessories	Hios bit, Sampling Demo software (Windows XP Excel), RS-232C cable, USB cable, AC adapter (AC100-240V compatible)		

N.B: Windows XP and Excel is Trade mark of Microsoft.

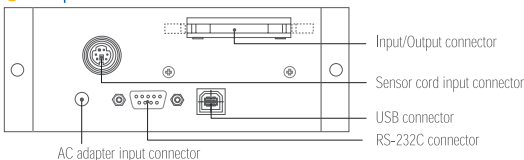
RoHS The PG Brushless is RoHS compliant.

## Control Unit PG-01 (Checker)

### ● Front Panel (Name and Functions)



### ● Rear panel



### ● Specifications

Model	PG-01				
RS-232C Communication	Communication speed	Start Bit	Stop Bit	Data	Data format
	4800BPS	1 Bit	1 Bit	8 Bit	ASCII
External Dimensions (mm)					
Weight(g)	520g				
AC Adaptor	Input:AC100V-240V (50 / 60 Hz), Output:DC12V				

### ● I/O input/output connector

Pin No.	Output Signal	Description
13	LNG (Fail)	Torque is below the LOW GOOD value (L.G)
14	L.G (Pass)	Torque is within the allowed percentage range of the LOW GOOD value
15	GOOD (Pass)	Within the HI and LOW values
16	H.G (Pass)	Torque is within the allowed percentage range of the HI GOOD value
17	H.NG (Fail)	Torque is above the HI GOOD value (H.G)
18	COM GND	—

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ISO 9001 certified: Headquarters/Osaka Sales Office/Nagoya Sales Office/Yamagata Factory



Please read the instruction manuals before use. These products should be used only for their intended purposes. The proper and recommended power supply and voltages must be used.

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