Power Supply with Screw Counter

The number of screws to be tightened can be set from 1 to 99, with the remaining number counted down after each screw is tightened.

● **Buzzer to indicate screw tightening complete**
A buzzer will sound when the final screw has been tightened to allow a check of complete screw tightening.

● **Auto reset function**
The count down number is automatically reset after all screws have been tightened so that work can start on the next job immediately. The screwdriver will not be operable until the "next work set" confirmation SET signal is input.

● **Count timer function**
Prevents confirmation tightening, supplemental tightening and secondary tightening from being counted.

● **Normal power mode**
In normal power mode the count function is disabled.

VZOP-STC (AC100V Only)   RoHS

VZ-OPC screwdriver single power point

■ Specifications

Model	VZOP-STC
input	AC100V ±5% (50/60Hz)
Power consumption (w)	2W / load free
Size (mm)	160×175×84(H)
Weight (kg)	1.5
Power cord length (m)	1.8

CLT-70STC3   RoHS CE

CL, SS, α screwdriver single power point

■ Specifications

Model	CLT-70STC3
input	AC100V-240V ±5% (47-63Hz)
Power consumption (w)	75W output with DC31V input
Output	HI: DC31V±5% LOW: DC20V±5% (with overload protection)
Size (mm)	127×208×76(H)
Weight (kg)	1.8
Power cord length (m)	1.8

■ Part names and functions CLT-70STC3

Front panel

- Main display
- Reset switch
- Function switch F1 F2 F3
- Metal connector
- HI/LOW switch (rotation speed)
- Main power switch (ON/OFF)

Rear panel

- AC inlet
- Fuse and spare fuses

Terminal block
Ⓐ Ⓑ Ⓒ Ⓓ
Ⓔ Ⓕ Ⓖ Ⓗ
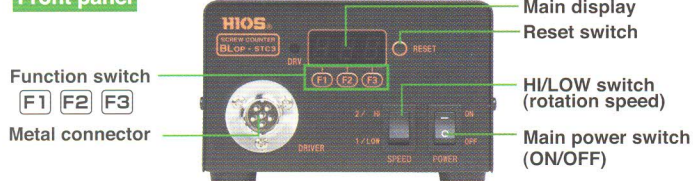
■ Function (F1, F2, F3) operation mode, operation time, buzzer settings etc

F1	Set number of screws to be tightened (01 to 99) COUNT NUMBER	Set the number of screws to be tightened
	Set count timer (.00 to 0.99 seconds) COUNT TIMER (CN-T)	Setting to prevent counting of secondary tightening operations
	Set work set timer (0.0 to 3.9 seconds) WORK SET TIMER (WS-T)	Time until the screwdriver is operational
	Set work reset timer (0.0 to 3.9 seconds) WORK RESET TIMER (WR-T)	Time until the screwdriver becomes not operational
	Set reverse count timer (0.1 to 1.o seconds) REVERSE COUNT TIMER (RCN-T)	Time until the count starts after reverse operation
F2	Display the rest of the screw. Control the sound of the buzzer. Setting the ON/OFF of the reverse count.	
F3	Control the motion of the counter at any time. Setting the ON/OFF of the torque-up sound of the buzzer.	
Metal connector	Connects to the CL,SS,ascrewdriver.	

■ Terminal block

Ⓐ	COMP	"Work complete" signal output terminal, open collector output (maximum load rating DC30V/80mA)
Ⓑ	RESET	Resets the count timer, input terminal for the "work fixed released" signal from external equipment
Ⓒ	SET	Input terminal for the "work set confirmation" signal
Ⓓ	GND	—
Ⓔ	+DC24V	Power supply terminal for external equipment, maximum rating DC24V/0.2A
Ⓕ	VALVE	Output terminal for external equipment control, open collector output (maximum load rating DC30V/80mA)
Ⓖ	BZ	Work complete output terminal, open collector output (maximum load rating DC30V/80mA)
Ⓗ	ER BZ	Warning output open collector output if work is removed before operation is complete (maximum load rating DC30V/80mA)

* The control panel display and some functions of the VZOP-STC differ slightly.

Separete Counter

Compact external screw counter. Connected in-between a screwdriver and a power unit.

CLOP-SC1 (For one drivers)   RoHS

Compatible model : CL,SS or α series driver.(Include CL-9000 driver)

■ Specifications

Model	CLOP-SC1
Input	DC20V/31V
Out put	Depends on the HIOS Power Unit (Same as primary power voltage)
Size (mm)	110×100×55(H) (casing only)
Weight (kg)	0.6
Power cord Length (m)	1.5 (5P)

- Suitable power supply to connect with SC1. CLT-30,CLT-60,CLT-100,MC-70L+CB-105,CLT-75
- Separete Counter CLOP-SC1
- Suitable Screwdriver

CL Series	CL-2000,CL-3000,CL-4000, CL-6000,CL-6500,CL-7000, CL-9000
SS Series	SS-2000,SS-3000,SS-4000, SS-6500,SS-7000
α Series	α-4500, α-5000, α-6500