

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

HIOS

Hios CL-6500 Electric Screwdriver

The Hios CL-6500 is an electric screwdriver designed for precision assembly work. It features a lever start, adjustable torque, and an ergonomic design for comfortable use. Ideal for electronics and small parts assembly.



MODEL

Hios CL-6500

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

CL-6500

LISTING

<https://aumictechlabs.com/products/cl-6500-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Hios CL-6500 is a lever start electric screwdriver engineered for precision and operator comfort. This screwdriver offers adjustable torque settings to suit a variety of delicate assembly tasks. Its ergonomic design ensures comfortable handling during prolonged use, enhancing productivity and reducing operator fatigue. Well-suited for electronics manufacturing, small parts assembly, and applications where controlled torque is essential.

CL6500 Characteristics / Specifications

PARAMETER	VALUE
Model	CL-6500
Instrument Type	Lever start clutch electric screwdriver
Family	Hios CL series (CL-2000 to CL-7000)
Start Type	lever start
Torque Nm	0.3 to 1.6 N.m
Torque Lbf	2.6 to 14 lbf.in
Torque Kgf	3 to 16 kgf.cm
Torque Adjust	stepless via interchangeable colored springs
Speed Hi	900 r/min unloaded
Speed Low	600 r/min unloaded
Screw Size	2 to 4 mm small screws; 2 to 3 mm tapping
Bit	1/4 hex or H5 Hios shank
Grip Diameter	37 mm
Length	235 mm (9.25 in ASG row)
Weight	660 g (Kaisertech); 1.5 lb (ASG row)
Cord	2 m, 5-pin
Carbon Brush	CL65-0490 pair
Shutoff	automatic clutch shut-off
Power Packs	CLC-45, CLC-60, CLT-60, CLT-70STC3, PS-55
Pack Input	AC 100-240 V plus or minus 5 percent, 47/63 Hz (CLC-45/60)
Pack Output	LOW/HI
Pack Size	CLC-45 71.5 × 146 × 42.6 mm, 0.33 kg
Manufacturer	Hios
Literature	Hios CL-series operation manual CL-6500 row and CLC power-pack table

CL6500 Specifications

PARAMETER	VALUE
Applications	Precision electronic assembly torque-controlled fastening with a low-voltage clutch screwdriver.
Key Features	Clutch auto shut-off, 0.3 to 1.6 N.m
Technical Specifications	Model: CL-6500
Notes	From Hios CL-series operation manual CL-6500 torque/speed/pack tables. CL-7000 2.5 N.m and CL-4000 0.55 N.m rows are other models.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	CL-6500
Instrument Type	Lever start clutch electric screwdriver
Family	Hios CL series (CL-2000 to CL-7000)
Start Type	lever start
Torque Nm	0.3 to 1.6 N.m
Torque Lbf	2.6 to 14 lbf.in
Torque Kgf	3 to 16 kgf.cm
Torque Adjust	stepless via interchangeable colored springs
Speed Hi	900 r/min unloaded
Speed Low	600 r/min unloaded
Screw Size	2 to 4 mm small screws; 2 to 3 mm tapping
Bit	1/4 hex or H5 Hios shank
Grip Diameter	37 mm
Length	235 mm (9.25 in ASG row)
Weight	660 g (Kaisertech); 1.5 lb (ASG row)
Cord	2 m, 5-pin
Carbon Brush	CL65-0490 pair
Shutoff	automatic clutch shut-off
Power Packs	CLC-45, CLC-60, CLT-60, CLT-70STC3, PS-55
Pack Input	AC 100-240 V plus or minus 5 percent, 47/63 Hz (CLC-45/60)
Pack Output	LOW/HI
Pack Size 45	CLC-45 71.5 x 146 x 42.6 mm, 0.33 kg
Pack Size 60	CLC-60 88 x 210 x 52 mm, 0.715 kg
Manufacturer	Hios
Literature	Hios CL-series operation manual CL-6500 row and CLC power-pack table

Notes

From Hios CL-series operation manual CL-6500 torque/speed/pack tables. CL-7000 2.5 N.m and CL-4000 0.55 N.m rows are other models.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.