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Data Sheet

August 12, 2026

BURLEIGH

Burleigh 8005 Inchworm Handset

The Burleigh 8005 Inchworm Handset provides manual control of Burleigh Inchworm motors. It features a multi-axis controller for precise positioning and smooth, incremental movement. Ideal for applications requiring fine adjustment and remote operation of Inchworm devices.



MODEL

Burleigh 8005

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

8005

LISTING

<https://aumictechlabs.com/products/8005-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Burleigh 8005 Inchworm Handset is a manual control interface for precise positioning and incremental movement of Burleigh Inchworm motors. This accessory enables fine adjustments and remote operation of Inchworm positioning systems through direct, tactile control. The handset supports simultaneous or individual axis operation, depending on the connected Burleigh Inchworm controller, making it suitable for complex multi-axis positioning tasks.

Technical Specifications

Control Type: Manual, multi-axis control for Inchworm motors

Operation Modes: Simultaneous axis operation, individual axis operation, manual operation via handset

Interface: Direct manual control interface; compatible with controllers supporting TTL signals or RS-232 protocols for extended remote operation capabilities

Power Supply: Operates in conjunction with a Burleigh Inchworm motor controller requiring universal power input (90–260 V, 50/60 Hz)

Key Features

- Multi-axis control flexibility for independent or synchronized motor operation
- Tactile front-panel interface for ergonomic manual positioning
- Compatible with PZT drive electronics in the Burleigh controller ecosystem
- Supports both open-loop and integrated control

configurationsTypical Applications Fine-adjustment positioning requiring manual operator control
Multi-axis alignment tasks in optical and mechanical systems Remote manual operation of
Inchworm motor arrays Research and laboratory setups demanding incremental movement
precisionCompatibility & Integration The 8005 Handset integrates with Burleigh Inchworm motor
controllers including the LSS-8000 system and other compatible 8000-series controllers. It is
particularly suited for open-loop control configurations where manual input drives positioning.
The handset works with use alongside controllers that facilitate handset-based manual operation,
providing a direct interface to motors without requiring external computer control or
programmable logic.

Features & description

From manufacturer datasheet

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Burleigh 8005 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Burleigh 8005. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values [Request Calibration](#) → [Request Repair Quote](#) →

Burleigh 8005 price

This Burleigh 8005 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Burleigh 8005 calibration cost

NIST-traceable calibration for the Burleigh 8005 is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

Fine-adjustment positioning requiring manual operator control Multi-axis alignment tasks in optical and mechanical systems Remote manual operation of Inchworm motor arrays Research and laboratory setups demanding incremental movement precision Compatibility & Integration The 8005 Handset integrates with Burleigh Inchworm motor controllers including the LSS-8000 system and other compatible 8000-series controllers. It is particularly suited for open-loop control configurations where manual input drives positioning. The handset works with use alongside controllers that facilitate handset-based manual operation, providing a direct interface to motors without requiring external computer control or programmable logic.

Unit notes

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Compatibility & I

8005 Specifications

PARAMETER	VALUE
Voltage / Current Range	50/60 Hz, 90–260 V

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.

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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

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<https://aumictechlabs.com>

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