

Handheld Light Source Calibration in Canada



AI Overview

Handheld light source calibration in Canada is widely available through ISO/IEC 17025-accredited laboratories offering NIST-traceable services for fiber optic, LED, and laser instruments. Key Canadian Calibration Providers Simbol Test Systems Inc. specializes in handheld and field light sources, providing in-house calibration using NIST-traceable standards. They support a variety of optical instruments including single-mode and multi-mode LEDs, lasers, and fiber optic light sources, ensuring accurate output for 850/1300 nm and 1310/1550 nm applications. Their lab services include repair and calibration for equipment no longer supported by original manufacturers. RMCS Canada offers ISO 17025-accredited metrology-grade calibration for light sources, including LEDs, lasers, and tungsten lamps. They provide NIST-traceable measurements of optical intensity, absorbance, transmittance, and other photometric parameters, suitable for VIS, UV-VIS, UV-VIS-NIR, FTIR, Raman, luminescence, and fluorescence applications. RMCS also performs reliability testing, accelerated aging, and characterization of light sources under controlled conditions. Wescan Calibration operates in Vancouver and Calgary, providing accredited calibration services across multiple disciplines, including electronics and optical instruments. Their laboratories are A2LA-accredited to ISO/IEC 17025, supporting aerospace, automotive, bio-pharmaceutical, and manufacturing sectors. Pylon Electronics has six Canadian laboratories and offers multi-discipline calibration services, including fiber optics and handheld light sources. They provide on-site and in-lab calibration, traceable certificates, and support for a wide range of test and measurement equipment. Canadian Instrumentation Services Group (CISG) provides ISO 17025-accredited calibration for electrical, optical, and physical instrumentation...

Article Content

KLS 35 FTTH Optic Fiber Tester Light Source Handheld Tools

Product description The KLS 35 Handheld Fiber Optic Tester Light Source is an essential tool for professionals in the fiber optic industry. Specifically designed for FTTH (Fiber to the Home)

A Comparative Survey of Geometric Light Source Calibration Methods

Abstract. With this survey paper, we provide a comprehensive overview of geometric light source calibration methods developed in the last two decades and a comparison of those methods with

Certification & Calibration Services | Pylon Electronics

At Pylon Electronics, we calibrate and repair equipment and instruments from all manufacturers, using standardized and custom calibration procedures to meet your needs.

Lamp Testing and Light Meter Calibrations

ILT's ISO17025 Accredited Light Meter Calibration Lab offers testing and NIST traceable calibration of many types of light sources with output in the UV to the

Calibration Services, Repairs and Measurement Instrument Sales to

Contact our knowledgeable team with any questions about our service, calibration standards, or to arrange for prompt calibrating or repair of your important equipment.

Instrument calibration and measurement services

Instrument calibration and measurement services Important Please note our prices are subject to change. Learn about the NRC's instrument calibration and measurement services — the highest

Development of a calibration light source based on a unique ...

This paper focuses on the complex but cost-effective modification of a general purpose integrating sphere to develop a calibration light source. The key parameter of the calibration light

Light Meters: Buy Online | Canada's Most Trusted Distributor

For more than 50 years Kingsway Instruments has been Canada's most trusted source for test equipment sales, service, rentals and the fastest calibration turnarounds — bar none.

Light Meter Calibration (visible light only)

Calibration ensures the accuracy of your new or already-owned visible light (400 to 760 nm) meter. All calibration certificates contain as-found and as-left data, estimated measurement uncertainties

Instrument Calibration Services | CALibration TEChnologies Ltd.

Calibration Technologies Ltd. offers instrument calibration services across Canada. For precision service, and to see instruments services, visit our website.

Recognized Laboratory Calibration and Repair Services

Our laboratories specialize in the calibration and repair of test, measurement and control instrumentation. Our unparalleled services are supported by highly qualified and skilled technicians

Miller Instruments Ltd. | Calibration Services | Accredited | ISO/IEC ...

Our calibration service centers on the concepts of SCC accreditation, the ISO/IEC 17025:2017 quality management standard and establishing measurement traceability to the SI.

Repair & Calibration Services

Our Service Department consist of a Calibration Laboratory and a fully equipped repair shop. Our experienced personnel with extensive documentation library, in-house spare parts inventory will

Calibration Laboratory Assessment Service

Calibration Laboratory Assessment Service Effective April 30, 2026, the NRC has discontinued the Calibration Laboratory Assessment Service (NRC CLAS). Clients accredited by the

Canada Calibration Light Sources Market Outlook 2025–2033

Calibration Light Sources Market size is estimated to be USD 150 Million in 2024 and is expected to reach USD 250 Million by 2033 at a CAGR of 6.5% from 2026 to 2033.

ISO 17025 Accredited Metrology-Grade

As well, we provide Certified metrology measurements and characterization of different type customers' light-sources including, but not limited to, LEDs, Lasers, Tungsten, and many others.

Repair & Calibration Services

□□ Repair & Calibration Services At Duncan Instruments, we calibrate and service thousands of instruments every year for technicians, utilities, and industrial clients across Canada. Whether it's a

Contact Us

For more information, pricing, or custom solutions, please contact us:

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