

European optical cable positioning instrument manufacturer



Overview

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Key Takeaways

Leading European manufacturers of optical cable positioning and measurement instruments include OWIS (Germany), CERSA MCI (France), and Physik Instrumente (Germany).OWIS (Germany)

OWIS specializes in high-precision optical beam handling and positioning systems, offering linear, rotational, and multi-axis stages suitable for optical fiber alignment and industrial applications. Their portfolio includes manual and motorized positioning units, controllers, and custom multi-axis systems, capable of up to 9 axes. OWIS also provides engineering support for customized optical setups, including cleanroom and vacuum applications, making them a strong partner for optical cable positioning solutions .

CERSA MCI (France)



CERSA MCI is a world-leading manufacturer of measuring devices for fine wire, cable, and optical fiber industries. They provide in-line and off-line non-contact measurement instruments for optical fibers, ensuring high-frequency, high-accuracy measurements. Their devices are designed for quality control during fiber drawing and production, offering solutions for defect detection, fiber characterization, and compliance with industry standards. CERSA MCI also supports multi-industry communication protocols for integration into production lines .

Physik Instrumente (PI, Germany)

Physik Instrumente (PI) develops precision motion control systems, including piezo systems, hexapods, and multi-axis positioning stages. Their products, such as the 6D NanoCube® and X-417 Integrated Multi-Axis, are engineered for photonics and silicon photonics applications, providing precise optical element and fiber positioning. PI offers customized solutions for linear, rotary, and vertical motion, making them suitable for high-precision optical cable alignment and laboratory-to-industrial applications .

Additional European Suppliers

Other European companies providing optical instruments and components include Leica Microsystems, Gooch & Housego, and SCHNEIDER GmbH & Co. KG, which offer optical measurement, microscopy, and precision optics solutions that can complement fiber and cable positioning systems . These manufacturers collectively cover a wide range of precision positioning, measurement, and alignment needs for optical cables and fibers, from laboratory research to industrial production.

Article Content

Eupen Cable – Cables and wires from Kabelwerk Eupen AG

Eupen Cable is the most traditional but still the largest business unit of Kabelwerk Eupen AG and a European leader in the

EuropaCable – The voice of Europe's leading wire and cable

Europacable represents the largest cable and cable accessories makers in the world, as well as highly specialized small- and

Wire, cable, fiber optic measuring tools & instruments

Based in France, CERSA MCI is a world-leading manufacturer of measuring devices for the fine wire, cable and optical fiber

Optical measuring instrument, Optical measuring device

Find your optical measuring instrument easily amongst the 116 products from the leading brands (Mettler Toledo, MICRO-EPSILON,

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