






Precision Polishing Systems for Photonic Components

SHAPE • POLISH • INSPECT

Designing and manufacturing precision systems for polishing, shaping, and inspecting fiber optic and photonic components, enabling innovation from research to production.



About Us

- **Founded:** 1993
- **Mission/Value Prop:** KrellTech develops precision shaping and polishing machines with inspection systems that bridge the gap between R&D and high-volume photonic manufacturing.
- **Innovations:** Pioneers in modular polishing and shaping platforms that integrate real-time monitoring and in-line inspection adaptable to evolving photonic technologies.
- **Technology (Category):** Photonic component processing, optical polishing, and inspection systems.
- **Global Headquarters:** Neptune City, New Jersey, USA
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 - Company email: sales@krelltech.com
 - FPC Rep: Tyler Simays (tsimays@krelltech.com)

Products & Services

- **Photonics Systems:** NOVA™, Scepter™, Proton™, and other precision polishing and inspection platforms.
- **Applications:** Fiber connectors, bare fiber, photonic integrated circuits (PICs), waveguides, fiber arrays, and optical components.
- **Markets Served:** Telecommunications, aerospace, defense, data centers, medical devices, R&D institutions, and photonics manufacturing.

Our Commitment

- **Innovation:** Continually advancing polishing and inspection technologies to meet the precision demands of next-generation photonics.
- **Partnership:** Collaborating with global leaders in aerospace, medical, defense, and quantum computing to help innovators in their processing of advanced optical and photonic components.