INO has developed a strong expertise in custom capillary tubes and specialty optical fibers for sensors applications.

**SOME OF OUR REALIZATIONS**

**PURE SILICA CAPILLARY TUBES**
- Designed from various diameters, shape and wall thicknesses
- Used in microfluidic applications

**CUSTOM MICROSTRUCTURED FIBERS**
- Nanospray emitters
- Hollow-Core, Air-Clad MOF technology, for liquid core fiber
- Custom fiber for polarimetric sensor applied to gas chromatography
INO is a world-class R&D center specializing in optics and photonics and one of the world’s leading suppliers of specialty optical fibers. Our team of experts can design and fabricate a wide range of superior quality custom optical fibers to meet your special needs in various fields such as fiber lasers, telecommunications, industrial processes, military, equipment, aerospace, and biomedical applications.

**OUR STRENGTHS**

Expertise in:
- Preform fabrication
- Fiber and rod drawing, glass processing
- Advanced fiber modeling and simulation

Cutting-edge facilities:
- MCVD and glass lathes
- Fiber drawing towers
- High temperature furnace
- Equipment for glass fabrication
- Ultrasonic drilling equipment

**CUSTOM FIBERS FOR YOUR APPLICATIONS**

Over time, this specialized know-how has translated into:
- Single and multiclad rare earth doped optical fibers (also available in PM version)
- Low-photodarkening fiber composition
- Microstructured optical fibers for specific applications
- Stress-applying-parts (SAP) for PM fiber fabrication
- Photosensitive optical fibers for Bragg gratings
- Fibers optimized for Raman fiber amplifiers
- High attenuation fibers (singlemode and multimode)
- Custom silica capillary tubes

INO
2740 Einstein Street, Quebec City, Quebec G1P 4S4 Canada

418 657.7006 / 1 866 657.7406
www.ino.ca / info@ino.ca