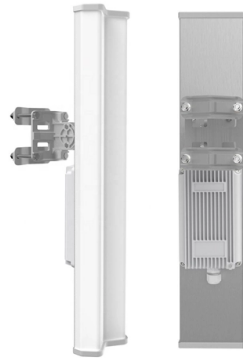


# Price of Three-Dimensional Fiber Optic Sensors



## Article Overview

The price of 3D fiber optic sensors varies widely depending on model, precision, and supplier, typically ranging from several thousand to tens of thousands of dollars.

### Overview

3D fiber optic sensors, such as the Werth Fiber Probe 3D, are specialized tactile-optical micro-probes used for high-precision 3D measurements in industrial and laboratory applications . These sensors are designed for micro-geometry measurement, offering extremely low probing forces, small probe ball diameters (down to 20 microns), and high durability compared to conventional mechanical-electrical micro-probes .

### Pricing Factors

The cost of 3D fiber optic sensors depends on several factors:

- Precision and resolution: Higher accuracy and smaller probe diameters increase the price.
- Sensor type: Tactile-optical 3D sensors are more expensive than standard fiber optic sensors used for simple detection .
- Supplier and region: Prices vary by manufacturer and distributor. For example, suppliers like Sense on Alibaba offer negotiable pricing depending on order quantity and shipping terms ....

## Article Content

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