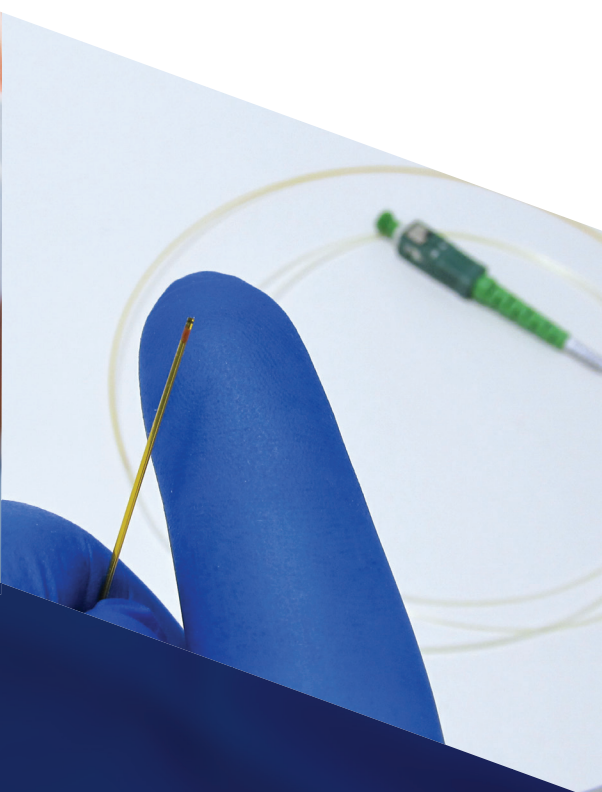
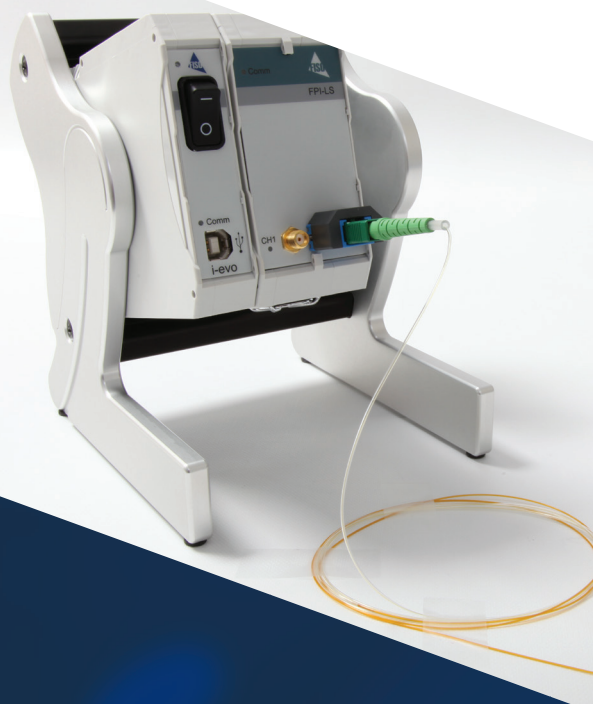




# FIBER OPTIC TEMPERATURE AND PRESSURE SENSORS FOR MEDICAL APPLICATIONS



As small as 125 microns

Accurate and reliable

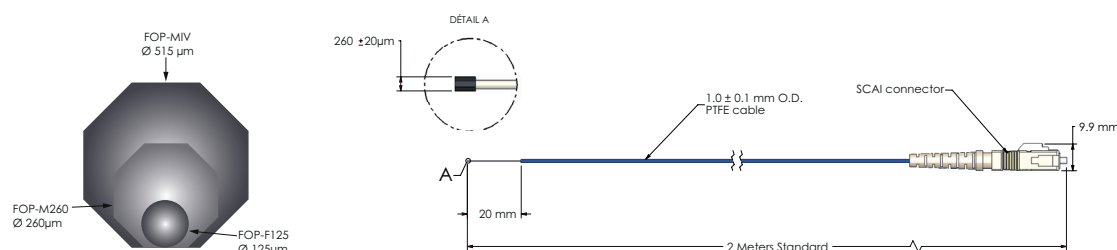
Easy-to-use

Used in tens of FDA-approved devices

# FISO offers the most complete line of fiber optic temperature and pressure sensors for medical devices.

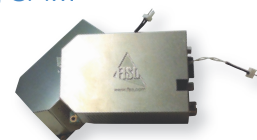
Ultra-miniature sensors:

- No electrical components in sensor design: no interference with electrosurgical instruments and MRI compatible
- High-frequency response and instantaneous reading: no signal attenuation and better detection of transient phenomenon
- *In situ* sensor location: extreme fidelity of every physiological event
- Fully-robotized sensor assembly: best cost in the industry and high-volume capability



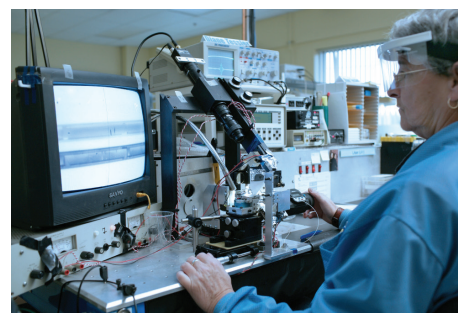
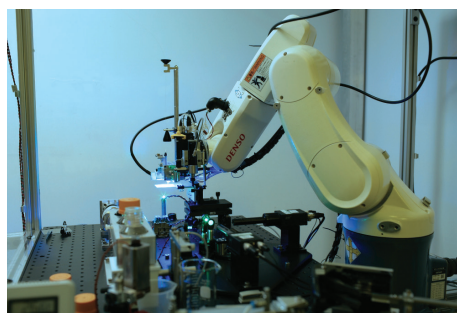
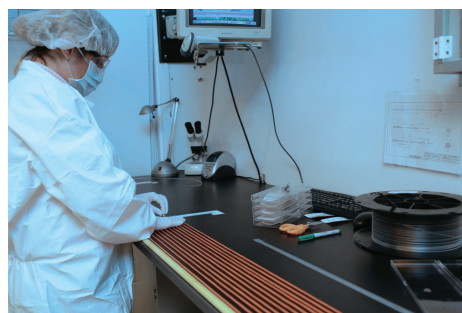
SPECIFICATIONS		
TEMPERATURE AND PRESSURE SENSORS		
	Pressure transducer	Temperature probe
Size	as small as 125 µm	as small as 200 µm
Range	-300 to +7500 mmHg	0°C to 80°C
Accuracy	3 mmHg	0.5°C
Resolution	as low as 0.3 mmHg	as low as 0.05°C

SPECIFICATIONS	
SIGNAL CONDITIONER	
Sampling rate: up to 15 kHz	
Number of channels: 1, 2, ...	
Communication: RS-232, RS-485, SPI...	
Analog output : 0-5V 16 bits	
Optional :	
Lamp redundancy	
Pressure compensation	



\* See product datasheets for official specifications

## ROBOTIC ASSEMBLY LINE AND CLEAN ROOM FACILITY



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**NX** NOVA  
METRIX