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# Discover VIGO Photonics

A European Leader in Epitaxial Wafers  
and Instruments for Photonics and  
Microelectronics.

# VIGO Photonics was founded in 1987...

...but our history begins as early as 1970, when HOT IR detector technology was created by the team led by [Joseph Piotrowski, PhD, DSc.](#)

Over the years, we have grown and changed just like the technologies we use today because progress is written into our DNA. In 2021 we expanded our international presence by opening an office in the United States, strengthening our support for customers in Americas and Canada. [Our mission is to deliver fast,](#)

[convenient, easy-to-use infrared detectors spanning 1–20 μm, based on MCT and III-V materials.](#) The range includes detection modules with varied spectral response, time response, and gain. For nearly four decades, VIGO products have been designed and manufactured in-house using proprietary technology.

Years of experience

39

Detectors on Mars

6

Marketplaces

60

Employees

+200

## Why choose us?

### Unique technology

First to develop this type of solution, continuously innovating it to stay ahead of the curve.

### High reliability

Proven, stable performance in demanding environments, backed by rigorous testing and quality.

### Custom-fit solutions

Flexible engineering and validation to meet demanding requirements (e.g., NASA, the defence industry).

### Value for money

Best-in-class quality-to-price ratio, delivering strong performance without overpaying.

### R&D capabilities

World-class scientific expertise, with access to leading research institutions (e.g., MIT, Princeton, Fraunhofer).

### High production capacity

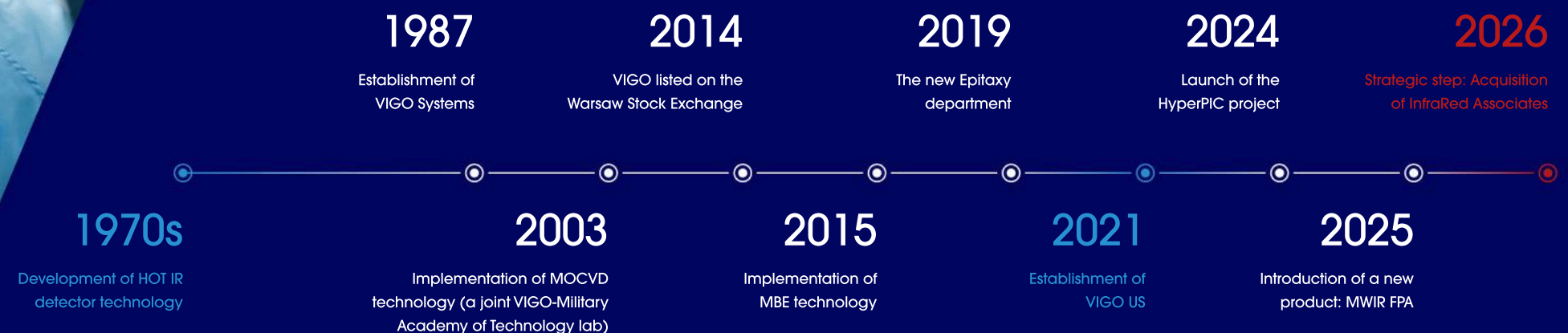
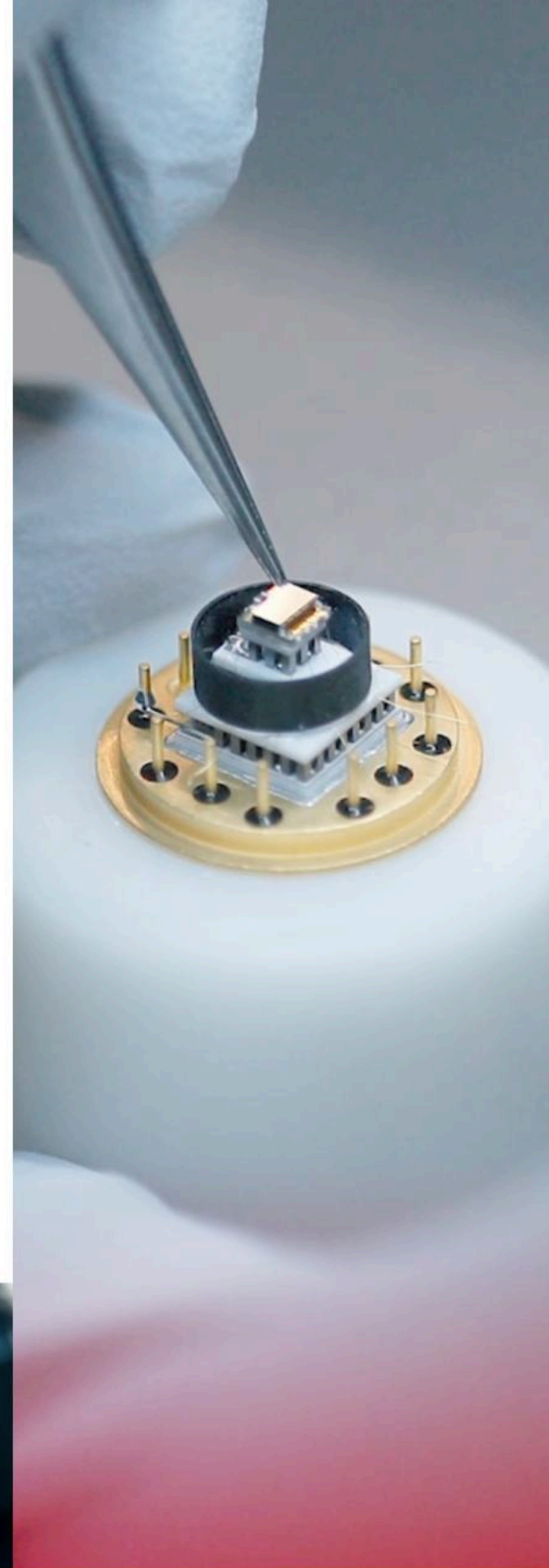
Scalable manufacturing: ~10,000 epi-wafers/year and ~500,000 detectors/year.

### Research projects

A coordinator and commercial partner in national and EU programs (e.g., Horizon 2020, POIR).

### Highly educated team

Expert specialists in a collaborative culture that fuels creativity and innovation.



# Our Products

All characterized by excellent parameters and high uniformity.



Infrared Detectors



Infrared Detection Modules



Accessories



FPA / Focal Plane Arrays



Epi-wafers



PICs (in development)

A key strength of the company is its ability to combine research and development in IR technology with manufacturing activities, ensuring close collaboration with customers to meet their needs.

## Applications & Use Cases



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