



OPTO DIODE

A Division

of ITW

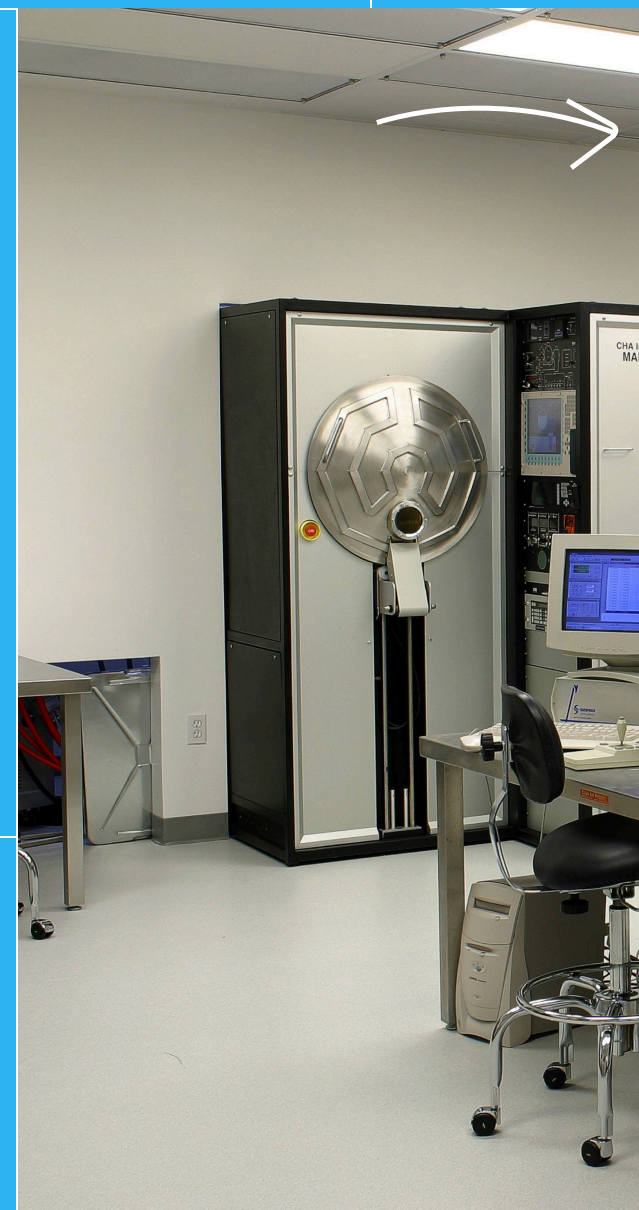
Our History





Founded in 1981

in Camarillo, California, Opto Diode began as a U.S.-based manufacturer specializing in custom red & near-infrared (NIR) light-emitting diodes (LEDs)



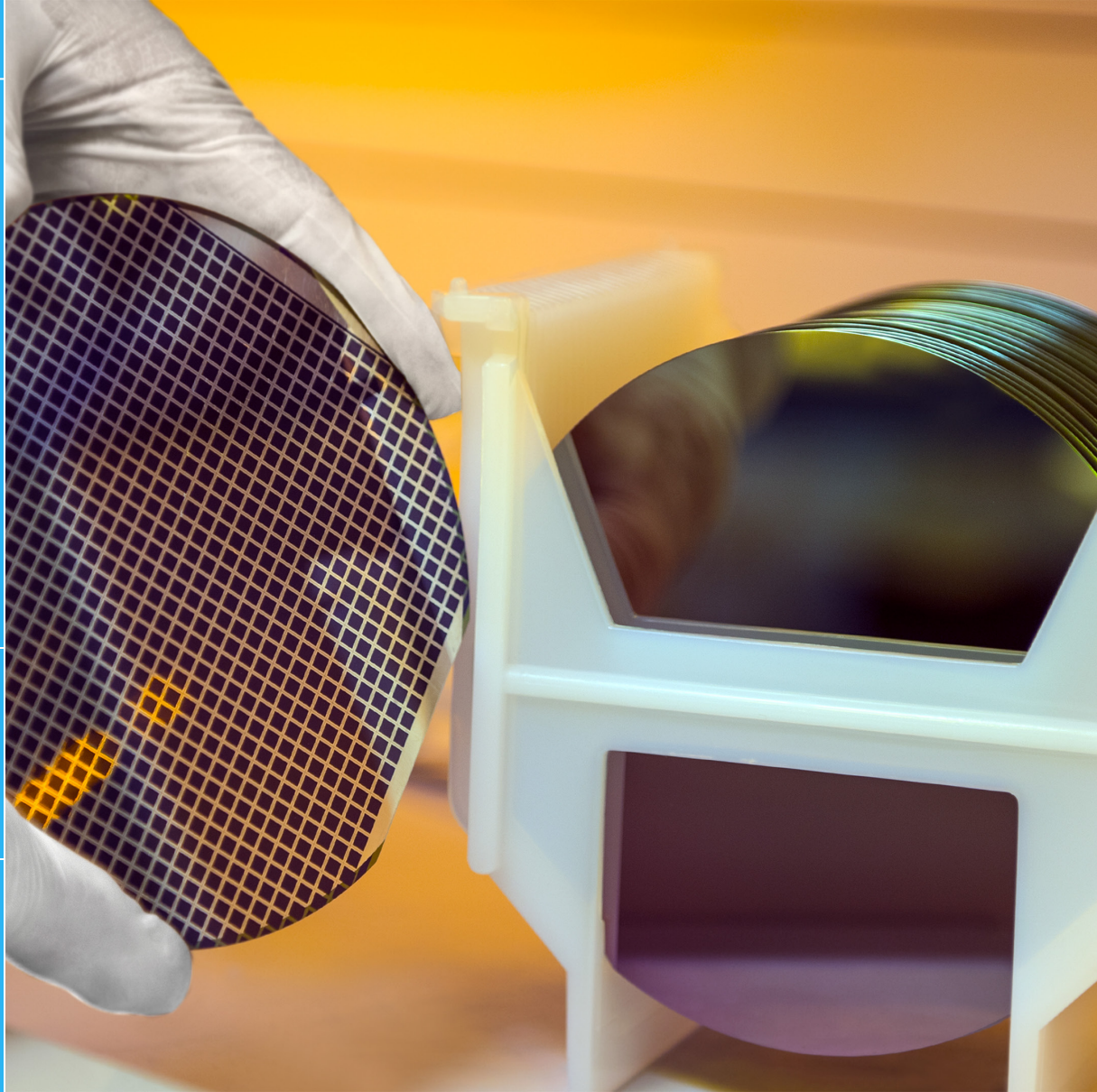
OPTO DIODE Joins ITW-2008



In August 2008, Opto Diode Corporation was acquired by Illinois Tool Works (ITW), a Fortune 200 global industrial company. This move brought ODC into the ITW Photonics Group, alongside other specialized companies in optics and electronics.

In January 2011, Opto Diode Corporation acquired International Radiation Detectors (IRD), a California-based company specializing in UV, X-ray, and high-energy particle detection.

Founded and led by Dr. Raj Korde and Dr. Dejan Jovanovic, IRD was widely respected for its innovations in radiation-hard photodiodes and precision detectors used in space, scientific, and industrial environments.



OPTO DIODE Acquires IRD-2011

OPTO DIODE Merges With CSI-2014



In 2014, Opto Diode merged with Cal Sensors, Inc. (CSI), a Santa Rosa-based company known for its mid-infrared (mid-IR) detectors, emitters, and lead salt components. Both companies were part of the ITW Photonics Group at the time.

This strategic consolidation allowed Opto Diode to offer a broader spectral range from UV to mid-IR under one roof, streamlining engineering and production. It also strengthened their position in industrial gas sensing, thermal analysis, and flame detection markets.



OPTO DIODE in 2025

In 2025, Opto Diode is a leading U.S. manufacturer of EUV, UV, and high-energy photodetectors, trusted by top names in semiconductors, aerospace, and scientific research. With in-house wafer fab and ITW backing, we deliver precision, reliability, and performance across the spectrum.





OPTO DIODE

An ITW Company