

CORE BUSINESS

We manufacture and sell Active Personal Dosimeters and Total Radiation Management Systems for medical, aviation, military, civil protection, nuclear power plants, security, homeland security, cargo, waste management, mines, oil and gas applications.

SOLUTION AND PRODUCT

HERADO is changing the game in Radiation Protection Applications

HERADO develop a revolutionary, state-of-the-art, fully integrated Active Personal Dosimeter (APDs) and **Total Radiation Management Systems**. (SaaS Cloud based)

In pulsed radiation fields (e.g. medical sites) the sensitivity and accuracy of most APDs decreases. For safety reasons, frequent users of APDs require new solutions with enhanced functionality and performance for both photon/beta and neutron dosimetry.

HERADO's patented system is a unique, easy-to-use system that is the **only** currently available appliance **globally** that is capable of measuring and separating in **real time** and with high accuracy, gamma rays, x-rays, beta, thermal neutrons and intermediate fast neutrons, without experiencing any interference problems whatsoever with pulsed radiations.

TARGET MARKET

HERADO's technology has both space and civil applications in the monitoring of personnel involved in areas where radiation can be a significant factor, such as medical, military in the nuclear power plant, industry, aviation, mines, oil and gas, security, cargo, homeland security, civil protection etc.

The radiation detector market is large, diverse and global. It stands at about \$30 billion (USD) in 2018 only for the medical application and projected to grow at 7% annually.

Active dosimeters will lead the market by growth with an estimated 2022 value of \$21.8 billion.

COMPETITIVE ADVANTAGE

- A truly real-time, fully integrated dosimeter, microelectronics-based patented technology
- It has unique characteristics on a global level:
 - It can measure different types of radiation (x-rays, gamma, beta, neutrons),
 - It has lower dimension, weight and low power consumption, low detectable limit, it is calibrated, no saturation, stability to pulsed radiation (active, screen, alarm), user friendly.
- Total radiation management System SAAS (Software as a Service), cloud based for data management and device management
- Accepted on the Orion NASA vehicle mission to the Moon on 2020.
- Beta testing on Hospitals and Satellites, International Space Station

MANAGEMENT TEAM

- Our team of an interdisciplinary character, with scientists, engineers and business experts, combining a wide experience in all fields and a strong research background of more than 15 years.
- Advisors from NASA, DLR, Lockheed Martin.
- Established distribution channels in USA, Canada, EUROPE, ASIA.
- Strategic Partnerships: NASA, DLR.

Contact

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Key Product size

Small dimensions, low weight, low power consumption, user friendly, Covid Free

Market size

\$30 billion (USD) in 2018
Only for the medical

Global market of \$178 billion

Exits in the Field

\$750 m

Investor's information

Stable outlook Moody's affirms B2 CFR

Potential revenue

\$600 m

Web site

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