



Product Portfolio

- ▶ **Radiation Therapy**
 - Water Phantoms •
 - Radiation Detectors •
 - Patient Plan QA Tools •
 - LINAC QA Tools •
 - QA Software • Electrometers •
 - In vivo Dosimetry •
 - Phantoms • OEM Solutions
- ▶ **Diagnostic Radiology**
 - Radiation Detectors •
 - Patient Dosimeters •
 - DAP Meters • Multimeters •
 - Diagnostic Dosimeters •
 - Quality Control Dosimeters •
 - X-Ray Test Objects
- ▶ **Nuclear Medicine**
 - Isotope Calibrators •
 - Radioactive Check Devices •
 - PET Phantoms •
 - OEM Solutions
- ▶ **Health Physics**
 - Calibration Services •
 - Calibration Benches •
 - Personal Dosimeters •
 - Monitors • X-Ray Leakage Systems •
 - Radiation Detectors

Dosimetry Pioneers since 1922

Radiation dose measurement – this is what PTW is all about.

As the world's leading manufacturer of clinical radiation dosimetry and quality control equipment, PTW has always been at the forefront of helping to reduce radiation exposure during medical radiation procedures.

The company's roots go back to 1922 when Professor Wilhelm Hammer, a passionate scientist from University of Freiburg, decided to market his new invention, the worldwide first dosimeter based on an electrostatic relay. Convinced by the potential of his invention, he founded a new company which initially started as a university spin-off – **Physikalisch-Technische Werkstätten**. In 1927, his former student Dr. Herbert Pychlau took over PTW, setting it on course for continued growth and profitability.

Over the decades, PTW steadily grew from a small backyard workshop to become the global leader in dosimetry. Many of its pioneering innovations turned into industry standards, such as the legendary **DIAMENTOR®**, the first dose area product (DAP) meter ever.

Today, the PTW brand is synonymous with unparalleled quality and precision in radiation measurement technology.

With the largest portfolio of dosimetry equipment and famous product brands, including Semiflex, PTW Farmer®, Roos®, Markus®, **DIAMENTOR®**, MP3, UNIDOS® or OCTAVIUS®, PTW holds the No. 1 position in most markets.

In addition to its vast product portfolio, the privately owned company maintains one of the oldest accredited secondary standard dosimetry calibration laboratories (SSDL) and established The Dosimetry School in 2014 to enhance the understanding and practice of clinical dosimetry.

Headquartered in Freiburg, Germany, PTW operates globally through a network of international branch offices and regional sales partners serving medical radiation experts in more than 160 countries.

Like more than 90 years ago, leading the way in dosimetry is our mission and lifetime promise.

"I have used various products for dosimetry and machine commissioning, but found that PTW products are easy to use, more reliable, precise and accurate..."

Indra J. Das, Ph.D., USA

PTW

*Knowing what
responsibility means*