

Denmark Field Spectrometer



AI Overview

Denmark hosts a range of field and laboratory spectrometers, including high-field NMR, low-field NMR, hyperspectral imaging systems, and commercial spectrometer modules for research and industrial applications. Research Centers and Facilities Danish Center for Ultrahigh-Field NMR Spectroscopy at Aarhus University is the largest assembly of high-field NMR spectrometers in Denmark, featuring the only 950 MHz spectrometer in Scandinavia. It supports structural studies of proteins, organic molecules, and metabolic analyses, with 10 state-of-the-art NMR spectrometers ranging from 300 MHz to 950 MHz, including cryogenic and solid-state probes for diverse applications. The University of Copenhagen Spectroscopic Platform provides a variety of instruments for food and material analysis, including Fourier Transform Infrared (FT-IR), Near-Infrared (NIR), Raman, Ultraviolet-Visible (UV-Vis), and low-field NMR spectrometers. These instruments enable both qualitative and quantitative studies, supporting research in food science, chemistry, and related fields. Hyperspectral Imaging and Optical Spectroscopy Several Danish companies specialize in hyperspectral imaging and spectrometer technologies. Ibsen Photonics manufactures spectrometer modules and high-efficiency diffraction gratings for UV, VIS, and NIR spectroscopy. FOSS provides NIR transmission and reflectance instruments for food quality analysis. JAI produces multispectral line scan cameras suitable for hyperspectral imaging, while Copenhagen Sensor Technology offers high-performance electro-optical solutions for advanced imaging applications. Commercial Spectrometer Manufacturers Denmark also hosts a directory of spectrometer manufacturers offering a wide range of instruments for research and industrial use. These include benchtop NMR systems, optical spectrometers, and modular spectrometer components suitable for laboratory and field applications. Summary Researchers and industry professionals in Denmark have access to a broad...

Article Content

compact spectrometers Companies and Suppliers in Denmark | ...

Metrohm - Model NIRS DS2500 - 2.922.1000 - Polymer Analyzer for Compact Near-Infrared (NIR) Spectrometers System Robust near-infrared spectroscopy for quality control of polymers, not only in

The Danish NMR Consortium

In a constantly moving environment, the Danish NMR Consortium aims to build bridges linking the scientific progression that takes place in the different groups spread across Denmark that use high

PANACEA NMR

The Danish Center for Ultrahigh-Field NMR Spectroscopy is established as a national center providing NMR services and competences to Scandinavian

Denmark Mobile XRF Spectrometer Market: Growth Analysis

Denmark Mobile XRF Spectrometer Market was valued at USD 0.12 Billion in 2022 and is projected to reach USD 0.

Ubiquitous in-line mass spectroscopy for industrial process ...

Ubiquitous in-line mass spectroscopy for a more sustainable world Denmark-based company Spectro Inlets is working on the first mass spectrometer for use in industries relying on

Ibsen Photonics

Ibsen Photonics is a global leader in OEM spectrometers and transmission gratings for a wide range of pharmaceutical, analytical, sensing & laser markets within Raman, LIBS, NIR & UV-VIS applications.

Spectroradiometers

"We're not just maintaining quality—we're evolving it for today's toughest field and lab challenges." Whether you're mapping mineralogy from the sky or drilling into data on the ground, SciAps

Danish National NMR instruments – The Danish NMR

Denmark currently harbors one national NMR instrument at Aarhus University, at the Danish Center for Ultrahigh-Field NMR Spectroscopy, which is the largest

Danish National Mass Spectrometry Platform for Proteomics and ...

PLATO is the first coordinated national initiative to boost the rapidly growing field of biomolecular mass spectrometry imaging (MSI) research in Denmark to the benefit of academic, health sector and

NIR Spectrometers manufacturers from Denmark ⇒ chemeuropa

The business directory for NIR spectrometers manufacturers. All manufacturers incl. products, news & contact information. Find suppliers now!

Top Hyperspectral Imaging Companies in Denmark

Discover all relevant Hyperspectral Imaging Companies in Denmark, including Image Metrology A/S and Ibsen Photonics

Spectrometer Manufacturers

The leading Spectrometer Manufacturers in Copenhagen, Denmark are listed in this directory. You can narrow down the list of manufacturers based on their location and capabilities, browse their product

Progress in field spectroscopy

This paper reviews developments in the science of field spectroscopy, focusing on the last twenty years in particular. During this period field spectr

Danish Center for Ultrahigh Field NMR Spectroscopy

Four individual research groups constitute the core of the High-field NMR center showing a broad application of NMR within Natural sciences. Please visit the websites of the individual groups below.

Spectrometers - Buyer's Guide & Supplier List | RP

This buyer's guide for spectrometers provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Videometer

We work across a wide range of applications and industries, including seeds, commodity grains, food, pharma and more, helping our partners ensure quality,

Home Page | Lightnova

A high performance spectrometer that combines cutting-edge technology with unmatched portability, offering a small, handheld design. This battery-powered

How To Guide: Field Spectroscopy | Technology Networks

Field spectroscopy enables scientists to measure how different materials interact with electromagnetic energy and therefore underpins the

Videometer

We Measure What You See - and Beyond The Videometer instruments revolutionize quality control by making it faster, easier, and more reliable. Powered by

NIR Spectrometers Market in Denmark | Report

This analysis defines the market for Near-Infrared (NIR) Spectrometers specifically deployed within the pharmaceutical and biopharmaceutical sector in Denmark. The core product is

The NMR center

The Danish Center for Ultrahigh-Field NMR Spectroscopy is the largest assembly of high-field spectrometers in Denmark and hosts among others the only 950 MHz spectrometer in Scandinavia.

ftir spectrometers Companies and Suppliers serving Denmark | ...

KASSAY is a supplier of specialized FTIR field spectrometers used for vapor leak detection, analysis of toxic gas plumes, and ambient air monitoring of greenhouse gas. FTIR instruments can be

About the company Spectro Inlets

Spectro Inlets was founded in November 2016 by a team of engineers from the Technical University of Denmark. The core technology, the microchip inlet

Contact Us

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