

Airborne Spectrometer Manufacturer



Article Overview

Leading manufacturers of airborne spectrometers include Palas, schnaiTEC, and HySpex, offering solutions for aerosol, hyperspectral, and photoelectron measurements.

Key Manufacturers and Their Offerings

Palas specializes in high-precision aerosol technology, including airborne particle measurement and characterization devices. Their product range includes aerosol spectrometers, generators, and sensors designed for environmental monitoring, air quality assessment, and scientific research, with a focus on real-time, accurate measurements . schnaiTEC GmbH develops advanced research instruments such as multi-wavelength photoacoustic aerosol absorption spectrometers and airborne cloud particle imaging probes. Their systems often integrate single particle polar nephelometers, enabling detailed analysis of aerosol absorption, cloud particle morphology, and light scattering, tailored for climate and atmospheric research . HySpex provides airborne hyperspectral imaging systems suitable for UAVs, research aircraft, and field applications. Their hyperspectral cameras cover visible, near-infrared, and shortwave infrared spectra, offering high spatial and spectral resolution for material identification, environmental monitoring, and scientific studies . Additional resources, such as IPROS, list suppliers of airborne photoelectron spectrometers, providing access to technical specifications and B2B contacts for specialized applications . Broader spectrometer manufacturers like SPECTRO, B&W Tek, and Ibsen Photonics also offer high-performance spectrometry solutions, which may be adapted for airborne or mobile platforms depending on project requirements

Article Content

Sanborn Geophysics | Airborne Geophysical Surveys and Products

With over 50 years of combined experience building geophysical survey sensors, we can equip you for radiometric, electromagnetic,

High Resolution Spectrometer Manufacturer and Supplier

LightMachinery is a high-resolution spectrometer manufacturer and supplier. We are setting the new standard for range, resolution,

Airborne Digital Spectrometer Market Research Report 2034

The Airborne Digital Spectrometer market was valued at \$3.8 billion in 2025 and is projected to reach \$7.2 billion by 2034, growing at

High performance OEM spectrometers

Ibsen offers a wide range of robust, athermal, industrial-grade OEM spectrometers that can be tailored to your exact needs. We are

IONSCAN 600

IONSCAN 600 is a highly sensitive, non-radioactive, lightweight, portable desktop system that detects and identifies trace amounts of

Spectrometer Manufacturers

A Spectrometer is a scientific instrument used to measure and analyze the properties of light over a specific portion of the

Airborne Particle Counters | Particle Measuring Systems

Contadores portáteis e remotos de partículas em suspensão no ar para fabricantes de ambientes limpos, como os das indústrias

Atmospheric Research Instrument Manufacturer | Schnaitec

schnaiTEC GmbH manufactures innovative research instruments that keeps you at the forefront of science. Our instruments include

SkyTEM | Precision Below Ground

From aquifers in Africa to permafrost in Greenland, we deliver high-quality airborne data for confident, sustainable decisions. With

Spectrometer

A spectrometer is a measuring device that allows you to decompose and analyze the elementary components that make up the

Ion mobility spectrometer, IMS spectrometer

Find your ion mobility spectrometer easily amongst the 6 products from the leading brands (Particle Measuring Systems, CAMECA,

HySpex | Industry-Leading Hyperspectral Solutions

At HySpex, we provide advanced hyperspectral imaging solutions for the most demanding environments — from industrial production

20 Spectroscopic Analyzer Manufacturers in 2026

20 Spectroscopic Analyzer Manufacturers in 2026 This section provides an overview for spectroscopic analyzer as well as their

17 Air Sampler Manufacturers in 2026 | Metoree

17 Air Sampler Manufacturers in 2026 This section provides an overview for air samplers as well as their applications and principles.

In-flight characterization of a compact airborne quantum cascade

In-flight characterization of a compact airborne quantum cascade laser absorption spectrometer Linda Ort¹, Lenard Lukas Röder¹,

19 Mass Spectrometer Manufacturers in 2026

19 Mass Spectrometer Manufacturers in 2026 This section provides an overview for mass spectrometers as well as their applications

Airborne Digital Spectrometer Market Forecasting Growth 2035

The Airborne Digital Spectrometer Market Size was valued at 2,035.9 USD Million in 2024. The Airborne Digital Spectrometer Market

Spectroscopy Suppliers | Spectroscopy Europe/World

Hidden Analytical celebrates 40 years of design, development and manufacture of quadrupole mass spectrometers. Our products

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

