

Hyperspectral Imaging: Technologies and Global Markets to 2023

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Abstracts

REPORT SCOPE:

The hyperspectral imaging market is segmented into categories as follows

By technology – spatial scanning and spectral scanning.

By form factor – portable and benchtop. The portable equipment segment is further segmented into handheld and others. The benchtop equipment segment is further segmented into rack mounted and others.

By system – benchtop camera, outdoor camera, airborne camera and hyperspectral software.

By application – military surveillance, mineralogy, food processing, agriculture, healthcare, research and others.

By region – North America (the U.S., Canada and Mexico); Europe (U.K., Germany, France, Italy and rest of Europe); Asia-Pacific (India, China, Japan, South Korea and rest of Asia-Pacific); and rest of the world (RoW) (the Middle East, Africa and Latin America, which includes central and South America).

In addition to industry and competitive analysis of the hyperspectral imaging market, this report also includes a patent analysis and a listing of company profiles for key players in the market.

REPORT INCLUDES:

57 data tables and 44 additional tables

An overview of the global markets for hyperspectral imaging and identification of their applications in military surveillance, mineralogy, food processing, agriculture, healthcare, and research

Country specific data and analysis for the United States, Canada, Mexico, U.K., Germany, France, Italy, Japan, China, India, South Korea, Middle East and Africa

Coverage of history, evolution and future outlook and expectations of hyperspectral imaging

Analyses of various types of hyperspectral imaging and determination of the market dynamics for each of the equipment type

Identification of segments with high growth potential and evaluation of factors impacting the market

Complete understanding of the key technologies like spatial scanning and spectral scanning and detailed description of benchtop camera, outdoor camera, airborne camera and hyperspectral software

Comparison of hyperspectral imaging with multispectral imaging

Snapshot of quotes by key opinion leaders

Company profiles of the major players of the industry including Brimrose Corp. of America, GE Healthcare Inc., IMEC, Northrop Grumman Corp., and UTC Aerospace Systems

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HEADWALL PHOTONICS INC.
IMEC
ITRES RESEARCH LTD.
MIDDLETON SPECTRAL VISION
NORSK ELEKTRO OPTIKK A/S
NORTHROP GRUMMAN CORP.
SPECIM SPECTRAL IMAGING LTD.
SURFACE OPTICS CORP.
TELOPS INC.

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