

# Italian Fluorescence Spectrometer



## Article Overview

Italy produces high-quality fluorescence spectrometers through companies like GNR Italia and Shimadzu Italia, offering instruments for research, industrial, and laboratory applications.

### Key Italian Manufacturers

GNR Italia has been a leading manufacturer of advanced analytical instruments since 1984, including optical emission spectrometers, X-ray fluorescence instruments, and diffractometers. While GNR is primarily known for optical emission and X-ray technologies, their expertise in spectroscopy and sample preparation makes them a notable provider for laboratories requiring precise elemental and molecular analysis. Shimadzu Italia specializes in molecular spectroscopy instruments, including fluorescence spectrometers, UV-Vis, UV-Vis-NIR, FTIR, and FTIR microscopes. Their fluorescence spectrometers are widely used in applications such as life sciences, pharmaceuticals, semiconductor research, and combinatorial chemistry. Shimadzu instruments are designed for high sensitivity, fast scanning, and integration with advanced software for data analysis.

### Applications of Italian Fluorescence Spectrometers

- Life Sciences and Biochemistry: Detection of biomolecules, protein quantification, and enzyme kinetics.
- Pharmaceuticals: Drug analysis, quality control, and formulation studies.
- Materials Science: Characterization of polymers, nanomaterials, and semiconductors....

## Article Content

Spectroscopy companies from Italy ⇒ chemeurope

From UV-Vis spectroscopy to infrared and Raman spectroscopy to fluorescence and atomic absorption spectroscopy, spectroscopy

Fluorescence Spectroscopy (FL)

Our latest fluorescence spectrometers truly deliver. Designed to maximize productivity, the FL 6500™ and FL 8500™ use

Duetta: 2-in-1 Fluorescence & Absorbance Spectrometer

Fluorescence and Absorbance in one Spectrometer! Duetta can be used as a fluorometer, as a UV-Vis-NIR spectrometer to measure

Fluorescence Spectrometer, Fluorometer, Cary Eclipse

The Cary Eclipse fluorescence spectrometer is a sensitive, accurate, and flexible fluorometer with unique

Benchtop and Modular Fluorometer Systems (Fluorimeters)

Fluorescence spectroscopy instruments have been used to examine counterfeit banknotes, materials for optoelectronics, and

Macro X-ray fluorescence analysis of XVI-XVII century Italian paintings ...

Using portable instruments for the preservation of artworks in heritage science is more and more common. Among the

High-Value Life Science and Material Research and Diagnostics

Bruker's differentiated high-value life science research and diagnostics solutions enable scientists to make breakthrough discoveries

Fluorescence Spectrophotometers (FL) : Hitachi High-Tech Corporation

Hitachi offers high-performance fluorescence spectrophotometers with high sensitivity suitable for a wide range of applications, from

FLORIS: An Innovative Spectrometer for Fluorescence

PDF | On Feb 29, 2024, Peter Coppo and others published FLORIS: An Innovative Spectrometer for Fluorescence Measurement

Visualizing and measuring gold leaf in fourteenth

Visualizing and measuring gold leaf in fourteenth- and fifteenth-century Italian gold ground paintings using scanning

New & Used Fluorescence Spectrometers in Italy

New & Used fluorescence spectrometers for sale in Italy. Find used spectrometers on Machinio.

Cultivar and geographical origin authentication of Italian extra virgin ...

In this study, the potential of fluorescence spectroscopy for the authentication and discrimination of Maltese extra virgin

Analytical Instruments

SPECTRO is a leading supplier of X-ray fluorescence (XRF), ICP-OES/AES, and Arc/Spark-OES instruments for science and

Home | PicoQuant

FluoTime 250 Modular lifetime spectrometer designed for flexible fluorescence and photoluminescence

Cultivar and geographical origin authentication of Italian extra virgin ...

A front-face fluorescence method has been used to obtain an excitation-emission matrix (EEM) of various Italian mono-cultivar, and

Investigation of the Composition of Historical and Modern Italian ...

In this work, a study concerning the composition of Italian papers from the seventeenth to the twentieth centuries was carried out

Edinburgh Instruments | Molecular Spectroscopy Solutions

Edinburgh Instruments are world leading manufacturers of molecular spectroscopy solutions for fluorescence, Raman, transient

Why Choose HORIBA Fluorescence Solutions?

Researchers reveal how HORIBA's fluorescence spectroscopy solutions turn ideas into discoveries and innovation into impact. Our

FLIM LABS | Portable Devices for Fluorescence

Compact, USB-powered modules for fluorescence lifetime analysis. Optimized for FLIM imaging and

FLS1000 Photoluminescence Spectrometer | Fluorescence

Discover our modular photoluminescence spectrometer for ultimate sensitivity and versatility in steady-state and time-resolved

Fluorescence-Spectroscopy

Fluorescence-Spectroscopy As a special type of light microscopy, fluorescence spectroscopy is an

Nireos | High Tech solutions in Spectroscopy and Photonics

NIREOS is an innovative Italian company specializing in high-tech spectroscopy devices for scientific research and industrial

Fluorescence Spectrometer | Labcompare

A fluorescence spectrometer is a device to detect and analyze organic compounds. Used in biology, chemistry, and environmental

Fluorescence Spectroscopy

HORIBA's fluorescence spectroscopy solutions deliver rapid, highly sensitive, and non-destructive

GNR Italy

GNR, thanks to its 40 years of experience in the field, has developed a wide range of instruments to offer the most suitable solution

Advanced Fluorescence Spectroscopy Solutions | RF

Incorporating technology cultivated over decades of developing fluorescence spectrometers, the versatile

What is a Fluorescence Spectrometer?

Discover what a fluorescence spectrometer is, how it works, the key components and measurement outputs in this

Fluorescence Spectrophotometry — Principles & Applications

Master fluorescence spectrophotometry techniques. Explore UV detection, probe molecules, and applications in

Fluorescence Spectroscopy Instrumentation, Spectrofluorometers

For the highest levels of performance in fluorescence spectrophotometry and fluorescence spectroscopy instrumentation, look no

fluorescence spectrometer — Translation in Italian

Many translation examples sorted by field of work of “fluorescence spectrometer” - English-Italian dictionary and smart translation

Spectrometers companies from Italy ⇒ chemeurope

In business since 1948, Maselli Misure has made a significant contribution to the technological evolution and understanding of liquid

Product: FL 6500 Fluorescence Spectrophotometer

The FL 6500 Fluorescence Spectrometer is the optimal system for analyzing samples susceptible to photo

FLORIS: An Innovative Spectrometer for Fluorescence

FLORIS will measure the vegetation fluorescence in the spectral range between 500 nm and 780 nm at medium

## Contact Us

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