

Resource Summary Report

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Molecular Devices: SpectraMax Gemini XS Microplate Spectrofluorometer

RRID:SCR_020296

Type: Tool

Proper Citation

Molecular Devices: SpectraMax Gemini XS Microplate Spectrofluorometer
(RRID:SCR_020296)

Resource Information

URL: <https://www.marshallscientific.com/v/vspfiles/files/manuals/User%20Manual%20-%20Gemini%20XS.pdf>

Proper Citation: Molecular Devices: SpectraMax Gemini XS Microplate Spectrofluorometer (RRID:SCR_020296)

Description: SPECTRAmax GEMINI XS Dual-Scanning Microplate Spectrofluorometer can perform a variety of fluorescent applications as well as some time-resolved fluorescent and luminescent assays. The extreme flexibility and high sensitivity of the SPECTRAmax GEMINI XS make it appropriate for applications within the fields of biochemistry, cell biology, immunology, molecular biology, and microbiology. The SPECTRAmax GEMINI XS uses two holographic diffraction grating monochromators which allow for individual optimization of wavelengths for both excitation and emission. The dual-scanning capability can also be used to determine excitation and emission settings for new fluorescent probes. Mirrored optics focus the light into the sample volume and cutoff filters are used to reduce stray light and minimize background interference. The light source is a highpowered Xenon flashlamp; additional flexibility is provided by allowing a variable number of lamp flashes per read. Microplates having 6, 12, 24, 48, 96, and 384 wells can be used in the SPECTRAmax GEMINI XS. Fluorescent detection is achieved from the top, through the entire depth of sample in the microplate well. Detection of species collected on membrane plates is also possible. Two plate carrier adapters are provided with the instrument. The blue adapter is required for optimum performance with standard 96- and 384-well format microplates. The red adapter has been optimized for use with Cliniplate 384 microplates.

Resource Type: instrument resource

Keywords: Molecular Devices, Microplate Spectrofluorometer, Instrument Equipment, USEDit

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_020296.pdf

Resource Name: Molecular Devices: SpectraMax Gemini XS Microplate Spectrofluorometer

Resource ID: SCR_020296

Alternate IDs: Model_Number_SpectraMax Gemini XS

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260815T182623+0000

Ratings and Alerts

No rating or validation information has been found for Molecular Devices: SpectraMax Gemini XS Microplate Spectrofluorometer.

No alerts have been found for Molecular Devices: SpectraMax Gemini XS Microplate Spectrofluorometer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.