

BMG FluoStar Galaxy



Manufacturer: BMG Labtechnologies
Model Number: FluoStar
Web Address: www.bmg-labtechnologies.com

FluoStar Galaxy is a multifunctional microplate reader that can perform a wide variety of applications for fluorescence intensity, time-resolved fluorescence, absorbance and luminescence. It can measure in the fluorescence polarization mode. The instrument can also be configured for injection and incubation.

Plate Reader: Commands

▶ **About()** - Displays the software and firmware revisions for the instrument.

▶ **User(userName, dataPath, rootDirectory)** - Login to the instrument as the specified user.

userName	String	Name of the user as defined in the FluoStar Galaxy database.
dataPath	String	Absolute path which points to the directory where the measurement data of runs performed by this user should be stored. The path is usually: 'root-directory'/data.
rootDirectory	String	Absolute path which points to the root directory for this user. The path is usually: Program Files/BMG Labtechnologies/Flu32/'user-name'.

▶ **SetConfig(mode)** - Change the reader configuration.

mode	Integer	0 - fluorescence, 1 - luminescence, 2 - absorbance, 3 - polarization. Range of values: 0 to 4 .
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▶ **PlateIn()** - Moves the plate carrier into the instrument.

▶ **PlateOut(mode)** - Moves the plate carrier out of the instrument.

mode	Integer	0 - normal plate out movement. 1 - plate movement to the right-hand side. Range of values: 0 to 1 .
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▶ **Run(testName, definitionPath, dataPath, plateId1, plateId2, plateId3)** - Start running the measurement.

testName	String	Name of the particular test as defined in the Fluo32 server program.
definitionPath	String	Absolute path which points to a directory where the test run definitions are stored.
dataPath	String	Absolute path which points to a directory where the measurement results are stored.
plateId1	String	First plate identifier for the current run.
plateId2	String	Second plate identifier for the current run.
plateId3	String	Third plate identifier for the current run.

▶ **ResetError()** - Changes the status of the server to 'Ready', 'Busy' or 'Running', and deletes the last error message.

Plate Reader: Errors

🔥 **FluoStarError(description)** - Error occurred during command execution.

description	String	Error description.
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ReTiSoft Inc.
 366 Revus Avenue, Unit 21
 Mississauga, Ontario, Canada, L5G-4S5
 Main: 647-724-2398 Europe: 33-9-7518-0225
 Web: www.retisoft.ca Email: prodziew@retisoft.ca