

MARS Batch Help

The program MARS_Batch allows the user to create and run MARS batch files. In the example shown below, the sample name is Mn12 and the instrument file is MARSplannerFile.pln. This file has been created before with the MARS Experiment Planner program, and contains all the instrument parameters. Spectra are collected at 5 K, 2.5 Tesla; and at 20 K, 5 Tesla. After the temperature and magnetic field have been changed, 3 minutes pass before data are collected, to allow the sample environment to stabilise. The argument to the *Count* command refers to the number of counts recorded in the monitor placed upstream to the sample. The program will only allow the user to enter parameter values within certain limits. Clicking on the *Parameter Limits* drop list initiates a program that enables these limits to be changed. The program is password protected and should only be accessed by the Instrument Responsible.

	Command	Argument
0	Sample	Mn12
1	Instrument_File	MarsPlannerFile.pln
2	Temperature	5
3	Field	2.5
4	Wait	180
5	Count	50000
6	Temperature	20
7	Field	5
8	Wait	180
9	Count	50000
10		
11		
12		
13		
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