

Manual for FMS Calculator version 3.3

Created: 18.02.2020 Updated: 25.06.2020

Table of Contents

1.	Start and Registration	2
2.	Navigation and Controls	3
3.	Saving a Calculation	4
4.	Creating a new version of a Calculation	5
5.	Opening Projects and Calculations	6
6.	Editing your Project and adding coworkers	7



1. Start and Registration

		Settings 🕥 Contact FMS 🆀 Login
FMS_		
FMS Calculator		🕞 Open 🕒 New 🚺 About
Version 3.2 D		🕑 Save 🖨 Print
	FMS Calculator	
Max. material tension		
• FB 0		
Tension / web width 0		
Web width 0		
Min. material tension (c	Email address Email address	English 📀
• FB 0	Mandatory field	5
O Tension / web width	Password Password Mandatory field	
Web width 0	Remember me	Register
Roller weight 🕕	Login	
• m	кy	Continue without account
		Forgot Password

The FMS Calculator can be reached through <u>https://calculator.fms-technology.com</u>

If you continue without an account, you will not be able to use the optimization, save projects and calculations features.

Select your language and click on «Register» to register for an FMS Calculator account.

After entering your information and clicking on «Register», an activation link will be sent to your email address. Please click this link to activate your account. If you don't receive an activation email, contact FMS through info@fms-technology.com.



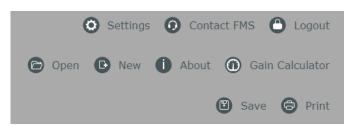
2. Navigation and Controls

Status Bar

User: Nadine Inhelder Project: 🕝 My first project Calculation: 🙂 My first calculation

The Status Bar contains information such as logged in user, project and calculation names. Depending on whether a project is selected, it shows the project and calculation that are currently being worked on or the possibility to save a new calculation.

Main Control Elements



The main control elements have the following functionality:

- Settings: Change the language or units used.
- Contact FMS: In case of any questions regarding the application or our products.
- Login/Logout.
- Open: Open an existing project and a contained calculation.
- New: Reset all values and create a new calculation.
- About: Version and application status.
- Gain Calculator: See the gain factor used for your amplifier.
- Save: Save the current calculation.
- Print: Creates a PDF file with the calculation information and details.

Main Navigation



The main navigation leads you through the creation of your calculation:

- 1. Enter the forces and process data first.
- 2. Select which sensor type to use.
- 3. Select any options you would like your sensor to have.
- 4. Finally optimize your calculation.



3. Saving a Calculation

To save a calculation you can use one of those two ways:

User: Nadine I	nhelder Project:	n/a Calculation:	Create	😧 Settings 🚺 Contact FMS 🌔 Logout
Ó	Ō		••••	🕞 Open 🕒 New 🚺 About
Forces	Sensor Type	Options	Optimization	🕑 Save 🖨 Print

- Click on «Create» in the status bar
- Click on «Save» in the main control elements

Both will lead you to the «Save Calculation» mask.

SAVE CALCULATION	
Calculation name	First Calculation
Attach to project	New project 📀
Project name	FMS Calculator Project
Description of calculation (max 2'000 chara	acters)
Description of my first Calculation	
	Cancel Save

Calculations are always part of a project.

When first saving a calculation, you will be asked to enter a Calculation name and to attach the calculation to a project. If you already have any existing projects, you can choose to add your calculation to a project or to create a new one. In case you create a new project, you will need to enter a Project name. You will be able to add some more details about the project later.



4. Creating a new version of a Calculation

If you have saved your calculation and are working in the context of a project and a saved calculation (which you can see by the names of the project and calculation being displayed in the status bar), you can save new versions of your calculation one of the following ways:

User: Nadine I	nhelder Project:	My first project	Calculation My first calculation	Settings () Contact FMS () Logout
Ó	Ó		••••	🕒 Open 🕒 New 🚺 About
Forces	Sensor Type	Options	Optimization	🕒 Save 🖨 Print

- Click on the save icon next to your calculation's name
- Click on «Save» in the main control elements

When you want to save changes to a calculation that has already been saved before, you have the possibility to select whether you want to save the calculation under a new name or want to use the same name and create a new version. If you create a new version of the calculation, you can enter a description of the changes made to the calculation which will be visible in the calculation overview.

SAVE CALCULATION						
O Under new name	Same name new version					
Calculation name	My first calculation					
Attach to project	My first project					
Description of calculation (max 2'000 chara	cters)					
This is my first calculation: an LMGZ	This is my first calculation: an LMGZ					
Description of changes (max 2'000 character	ers)					
Changed measuring direction, selected low	rer nominal force of the sensor					
	Cancel Save Delete					

If you chose to save the calculation under a new name, you can save it either to the same project it's already part of or save it to a new project.

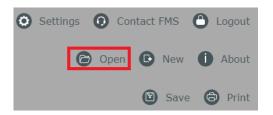


5. Opening Projects and Calculations

To open a calculation, you always need to either be working in the context of the project it's part of already or open the project first. You can see that you're working in the context of a project by the name of the project being displayed in the status bar:

User: Nadine Inhelder	Project: 🔁 My first project	Calculation: 🕑 My first calculation
-----------------------	-----------------------------	-------------------------------------

If no project is displayed here, you need to open one of your projects first by clicking on the «Open» icon in the main control elements.



This will present you with a list of all your saved projects. You can order the columns or search for information in any of the displayed fields to help finding the project you are looking for. To open the project, click on the project name. This will put your work into the context of the selected project and open the «Project administration» mask.

If you scroll down, you will see all the calculations that are part of the project. You can see the different versions of calculations and the description of changes made to the versions. To open one of the calculations, click on the Calculation name.

PROJECT ADMINISTRATION									
CALCU	CALCULATIONS								
#	Calculation ame	Cescription	Sensor	Date	User	V#	Description of change in version		
567	First Calculation	Description of my first Calculation	LMGZ204.375.20.H15	25.02.2020	Nadine Inhelder	V2	Changed nominal force	Ô	
567	First Calculation	Description of my first Calculation	LMGZ204.375.20.H15	18.02.2020	Nadine Inhelder	V1		•	



6. Editing your Project and adding coworkers

To edit project information and add coworkers, you need to open the «Project administration» mask. The mask opens automatically when opening a project from the list of all projects. Alternatively, if you're working in the context of a project, you can open it by clicking on the «Open» icon next to the project name.

User: Nadine Inhelder	Project 🖻	FMS Calculator Project	Calculation: 🕲	First Calculation
-----------------------	-----------	------------------------	----------------	-------------------

On the «Project administration» mask you can change project information like the project name, project responsible, the company that the project is created for and the description text of the project.

NEW PROJECT						
PROJECT INFORMATION						
Project name	FMS Calculator Project	FMS Calculator Project				
Project responsible	Nadine Inhelder					
Company	FMS Force Measuring Systems AG					
Collegues access						
E-mail address	First name	Last name	Send email			
webmaster@fms-ag.ch	web	master	Yes			
E-mail	Comment	Send email	Add			

If you want to give your colleagues or an FMS sales representative access to your project, you need to enter their e-mail address to the colleague access list. You can add a comment for your colleague. If you select the checkbox, an e-mail will be sent to inform the recipient that he's been invited to work on your project and your comment will be shown in the e-mail. After entering the information, click on "Add" to add the access.

Please note that only registered FMS Calculator users can be added to a project.