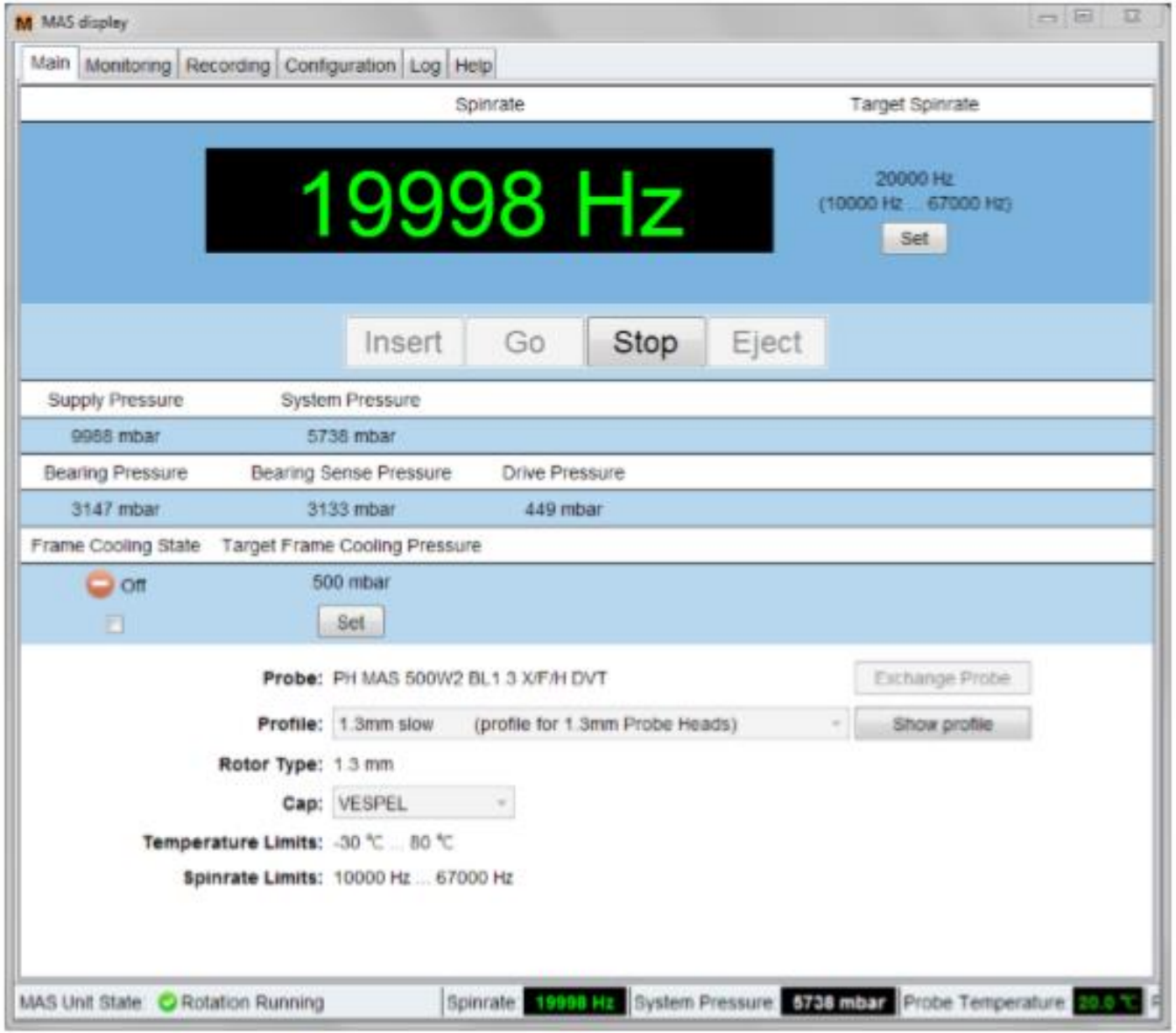
# Bruker MAS III unit; new spinning profiles

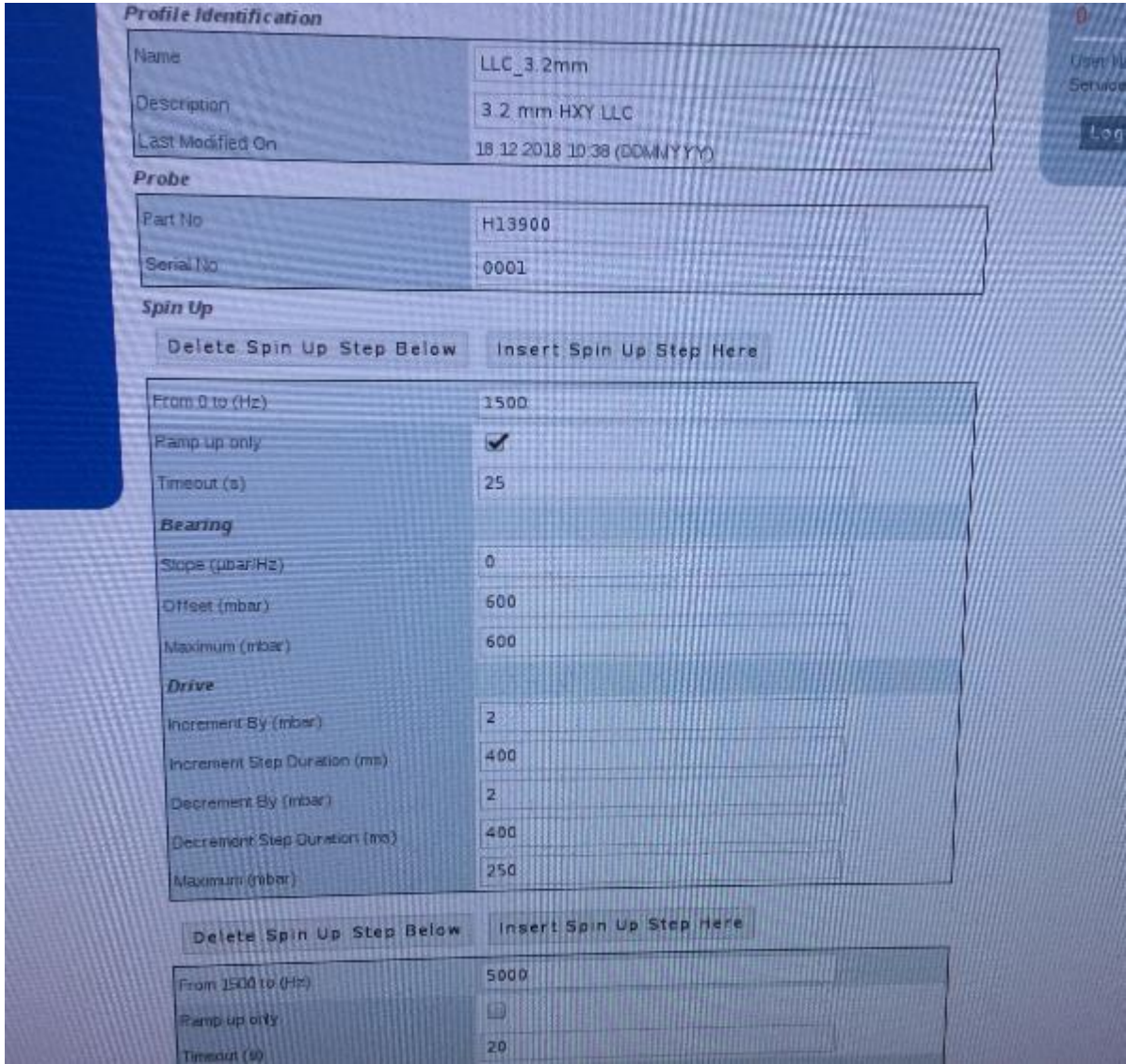


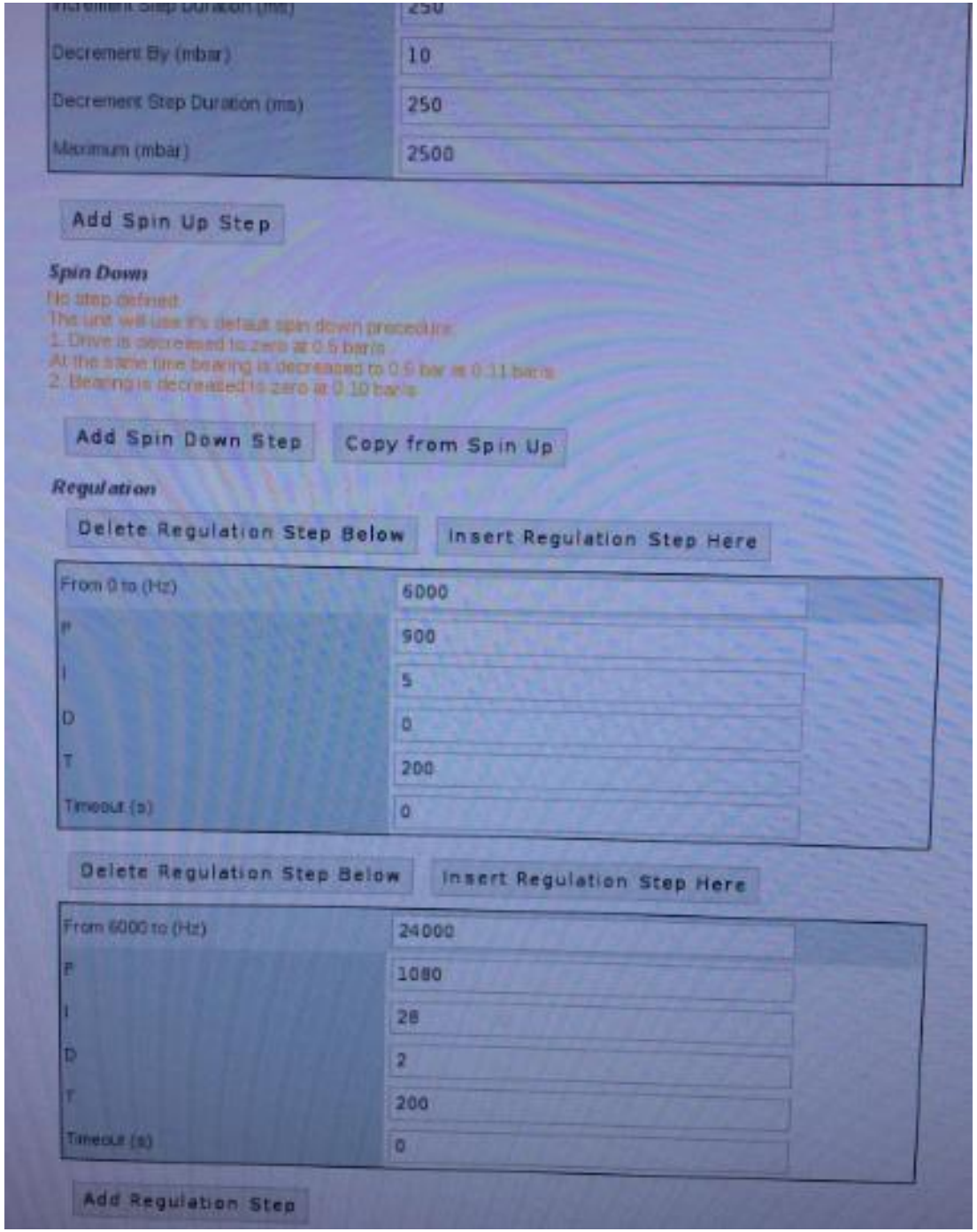
# Why do we need to disconnect the fuse?


*Figure 5.6: **Rotor Quick Stop** Button on the Back Panel of the MAS III*

*Figure 5.7: Mains Switch*


Rotation Profiles
Filter
Hide profiles from this unit and/or provided by Bruker
Apply
List
New
Delete
Export
Import
Clone
Name
Probe
Source
Actions
LLC_3.2mm
H13900 / 0001
This MAS/3
Edit
View
MAS7mm
H13895 / 0001
This MAS/3
Edit
View
Probe1.3_new
H13863 / 0003
This MAS/3
Edit
View
Generic 0.7mm
.7 mm
Bruker
View
Generic 1.3mm
1.3 mm
Bruker
View
Generic 1.9mm
1.9 mm
Bruker
View
Generic DNP 1.9mm
1.9 mm
Bruker
View
Generic 2.5mm
2.5 mm
Bruker
View
Generic 3.2mm
3.2 mm
Bruker
View
Ready
Spin Rate (H
0
User Name
Service
Log out


Profile Identification
Name
LLC_3.2mm
Description
3.2 mm HXY LLC
Last Modified On
18.12.2018 10:38 (DDMMYYY)
Probe
Part No
H13900
Serial No
0001
Spin Up
Delete Spin Up Step Below
Insert Spin Up Step Here
From 0 to (Hz)
1500
Ramp up only
Timeout (s)
25
Bearing
Slope (µbar/Hz)
0
Offset (mbar)
600
Maximum (mbar)
600
Drive
Increment By (mbar)
2
Increment Step Duration (ms)
400
Decrement By (mbar)
2
Decrement Step Duration (ms)
400
Maximum (mbar)
250
Delete Spin Up Step Below
Insert Spin Up Step Here
From 1500 to (Hz)
5000
Ramp up only
Timeout (s)
20




three weighted terms (**p**roportional, **i**ntegral and **d**erivative), the heater power is adjusted (control signal).