Measurement Setup table

1. Measurement no.
2. Measurement title
3. Measurement Comments
4. User name
5. Measurement type
6. Start date/time
7. Objective type
8. Image from Microscope
9. Number of measurement points
10. Laser Intensity (units)
11. X axis array
12. #Acq. time (s)= 1
13. #Accumulations= 2
14. #Range start
15. Range finish
16. Range Units
17. #Windows= 3
18. #Autofocus= Off
19. #AutoExposure= Off
20. #Spike filter= Multiple accum.
21. #Binning= 1
22. #Readout mode= Signal
23. #DeNoise= Off
24. #ICS correction= Off
25. #Dark correction= Off
26. #Inst. Process= Off
27. #Instrument= FHR
28. #Detector= Synapse
29. #Grating= 600 gr/mm
30. Grating Units
31. #Laser= HeNe
32. #Front entrance slit 2000
33. Front entrance slit units µm
34. #Exit mirror= Side

Measurement Type Table

1. Measurement type
2. Measurement Description
3. Instruments involved in measurement
4. Measurement data table name

Measurement data table – different table for each specific measurement type

1. Measurement no.
2. Measurement no. sub
3. Date
4. Time
5. X coordinate of pixel in image
6. Y coordinate of pixel in image
7. X coordinate in stage coordinate(microns)
8. Y coordinate in stage coordinate(microns)
9. Y measurement array
10. #Acquired= 01.10.2017 10:39:49

Objective table

1. Objective Index
2. Magnification
3. Length Calibration microns/pixel
4. Manufacturer
5. Working distance

User table

1. User Name
2. User Surname
3. Password
4. Title Ph.D/M.Sc/POST/Consultant/PI
5. User’s Picture
6. Active Student?(Bool)

Log table

1. Measurement No.
2. Date
3. Time
4. Log (text)

Warning table

1. Date
2. Time
3. Warning (text)

Material Table

1. Material Name
2. Material Formula