Measurement setup table

1. Measurement no.
2. User name
3. Measurement type
4. Start date/time
5. Objective type
6. Rotation angle of camera relative to stage
7. Horiba measurement parameters (i.e. accumulation, exposure time)
8. Image from Microscope
9. Number of measurement points
10. X axis array
11. Comments
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. #Delay time (s)= 0
22. #Binning= 1
23. #Readout mode= Signal
24. #DeNoise= Off
25. #ICS correction= Off
26. #Dark correction= Off
27. #Inst. Process= Off
28. #Instrument= FHR
29. #Detector= Synapse
30. #Grating= 600 gr/mm
31. Grating Units
32. #Laser= HeNe
33. #Front entrance slit 2000
34. Front entrance slit units µm
35. #Exit mirror= Side
36. #Project= A
37. #Sample= B
38. #Site= C
39. #Title= \_\_\_2017\_10\_01\_2\_1 s\_600 gr\_mm\_1
40. #Remark=
41. #Acquired= 01.10.2017 10:39:49

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. Y measurement array
8. CCD image data

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