

EPU EPU

Preparation Auto Functions Atlas EPU

Reset Start Stop Re-acquire Proceed

Image Shift Calibration

Tasks

Acquisition and Optics Settings

Atlas Optics Alignment

Calibrate Image Shifts

Calibrate IO

Activate Phase Plate

Data Acquisition (205000X)

Hole/EucentricHeight (7300X)

Messages

0 Errors 1 Notifications

The exposure time was revised by the camera to 2.36 seconds.

Status

Starting image shift calibration...

Acquiring image at Data Acquisition (205000X)

Center image feature by double clicking on it...

Acquiring image at Data Acquisition (205000X)

Center image feature by double clicking on it...

Calibrating shift between Data Acquisition (205000X) - Hole/EucentricHeight (7300X)

Acquiring image at Hole/EucentricHeight (7300X)

Make sure that the feature is centered in the left image and indicate its position in the right image by double-clicking on it

Histogram

Auto Filter

Image Information

Applied Defocus	-2.00 μm
Dose	1162.47 e/nm ²
Exposure Time	2.36 s
Image Size	4096,4096
Pixel Size	0.035 nm
Maximum	4486
Mean	1062.02
Minimum	0

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Hole/EucentricHeight (7300X)

GridSquare (690X)

Messages

0 Errors 1 Notifications

The exposure time was revised by the camera to 2.36 seconds.

Status

Acquiring image at Data Acquisition (205000X)

Center image feature by double clicking on it...

Calibrating shift between Data Acquisition (205000X) - Hole/EucentricHeight (7300X)

Acquiring image at Hole/EucentricHeight (7300X)

Make sure that the feature is centered in the left image and indicate its position in the right image by double-clicking on it

Calibrating shift between Hole/EucentricHeight (7300X) - GridSquare (690X)

Acquiring image at GridSquare (690X)

Make sure that the feature is centered in the left image and indicate its position in the right image by double-clicking on it

Histogram

Auto Filter

Image Information

Applied Defocus	-500.00 μm
Dose	0.01 e/nm ²
Exposure Time	1.98 s
Image Size	4096,4096
Pixel Size	17.34 nm
Maximum	5781
Mean	1023.59
Minimum	0

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Acquisition and Optics Settings

Atlas Optics Alignment

Calibrate Image Shifts

Calibrate IO

Activate Phase Plate

GridSquare (690X)

Atlas (110X)

Messages

0 Errors 1 Notifications

The exposure time was revised by the camera to 2.36 seconds.

Status

Make sure that the feature is centered in the left image and indicate its position in the right image by double-clicking on it

Calibrating shift between Hole/EucentricHeight (7300X) - GridSquare (690X)

Acquiring image at GridSquare (690X)

Make sure that the feature is centered in the left image and indicate its position in the right image by double-clicking on it

Calibrating shift between GridSquare (690X) - Atlas (110X)

Acquiring image at GridSquare (690X)

Acquiring image at Atlas (110X)

Make sure that the feature is centered in the left image and indicate its position in the right image by double-clicking on it

Histogram

Auto Filter

Image Information

Applied Defocus	0 mm
Dose	0.02 e/nm ²
Exposure Time	0.99 s
Image Size	2048,2048
Pixel Size	210.01 nm
Maximum	9560
Mean	1066.54
Minimum	0

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