Using Sample Carrier

Start Zen (and calibrate stage if prompted).

Go to Acquisition tab and open a previous experiment.

Select the **re-use** function to load settings and carrier (or select from the sample carrier option in tiles window).

Put your sample carrier onto the microscope stage and move the specimen to the carrier support point (X - zero point of the carrier)





Go to the Locate tab and focus through the binoculars

Go to the **Acquisition** tab and under the **Tiles** window expand the **Sample Carrier** part (1)



Check carrier has loaded (3) - if not then it can be selected using the Select tool (2)

Then select Calibrate (4)

A window will appear - select Next



Select **Set Zero** if required – this is only necessary if returning later to the same plate for the same positions.

Select Next

For multi-plate formats

• select Search Reference Point (1 point)

from the drop-down box - then $\ensuremath{\textbf{Next}}$

• then select Set Current XY

For slide formats

• just select Set Current XY

Then select **Finish** at the bottom of the screen

 2/3 Calibrate Stage
 Back

 To be able to relocate x/y positions, you need to calibrate the coordinate system and therefore set the zero position of the stage either manually or automatically.
 The manual mode sets the current x/y position to zero. The automatic mode sets the zero position to zero. The automatic mode sets the zero position to zero. The automatic mode sets the zero position to zero. The automatic mode sets the zero position to zero. The automatic mode sets the zero position to zero. The automatic mode sets the zero position to zero. The automatic mode sets the zero position to zero. The automatic mode sets the zero calibrate.

 X/Y Position
 Set Zero
 Calibrate

 Next
 Next
 Next

 3/4
 Select Calibration Method
 Back

 Please select the method how the sample carrit, will be calibrated.
 Desce

rch Reference Point (1 Po

Sample Carrier Calibration Wizard

Sample Carrier Calibration Wizard				
				Back 🔨
Be sure that the co stage and search t	rrect sample he defined re	carrier i ference	s placed on t point.	the microscope
	76 x 24 mm - 20 x 20 mm Cover Slip - Copy			
Relative Reference	Point on the	Sample	Carrier	
	Custom			
	27994 µm //			
	2146 µm			19 / h
Move the stage to button when foun the center of the L	the referenc d. The currer ive image.	e point a nt stage	nd click the position is t	'Se Current X/V'
	0.0 µm		Set Curren	t X/Y
	0.0 µm	•		



To activate the preview window and see **Tile Region Setup** and **Position Setup** options – select **Advanced Setup** (5) from the **Tiles** window

