

ROTOR – PERMANENT OFFSET - OPTIONS


INTRODUCTION


In the software there is an option for you to be able to move the pinning position of the plate on the Source Plate only. This is to allow for variations which may have occurred if the plates were pinned by a different robot or even by hand.


The screen shots show variations of the permanent offset available. Be aware that these may look different to the software you currently have installed. The basic idea has not changed through the versions.


PERMANENT OFFSET - ON – (OFFSET APPLIED)

The icon on the left (circled) will be visible and bold if this is turned on. To check what its position is select source and permanent offset. If any offset is being applied it will look like the image below.

1: Source









2: Target


3: Pads


4: Program


Select program options

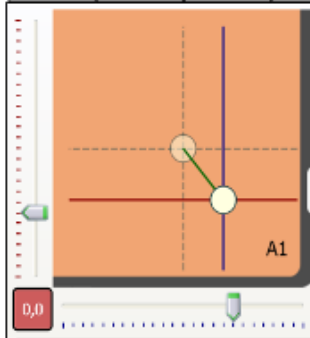
Selected Options

-  Recycle
-  Revisit
-  Protect Source
-  Auto Offset
-  **Permanent Offset**
-  Source Mix
-  Target Mix







Press here to edit...


Replicate Program Options

offset can be specified to reset the nominal center for each source pi


Summary	Offset	Offsets...	Pinning	Dry Mix	Permanent Offset
General					
Source					
Target					
Pads					
Profiles	<div style="font-size: x-small;"> <p>Offset Controls:</p> <p>Increment: 0.25</p> <p><input type="text" value="0.25"/></p> <p><input checked="" type="checkbox"/> Snap to increments?</p> <p>Position:</p> <p>X: <input type="text" value="-1.25"/></p> <p>Y: <input type="text" value="-1.5"/></p> <p>Radius: 1.953</p> <p><input checked="" type="checkbox"/> Display as in RoToR?</p> </div>				

Find Permanent Offset

-  Home
-  Upload
-  Reset
-  UV
-  Info
-  Off



Cancel



Ok


Permanent Offset - On

ROTOR – PERMANENT OFFSET - OPTIONS


PERMANENT OFFSET – OFF – (NO OFFSET APPLIED)

Select the icon on the left (circled) to turn it off. Even if there is an offset set it will not apply it.


1: Source




2: Target



3: Pads










4: Program



Select program options

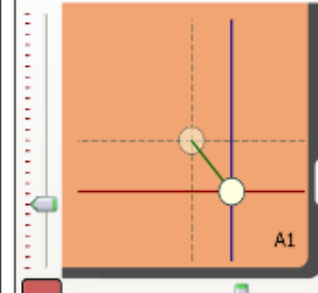
Selected Options







-  Recycle
-  Revisit
-  Protect Source
-  Auto Offset
-  Permanent Offset
-  Source Mix
-  Target Mix


Press here to edit...

Replicate Program Options


is useful when pinning from source plates that have been printed to :

	Offset	Offsets...	Pinning	Dry Mix	Permanent Offset
Summary					
General	Offset Controls: Increment: 0.25 <input type="checkbox"/> Snap to increments? Position: X: -1.25 Y: -1.5 Radius: 1.953 <input checked="" type="checkbox"/> Display as in RoToR?				
Source	Find Permanent Offset				
Target					
Pads					
Profiles					

-  Home
-  Unload
-  Reset
-  UV
-  Info
-  Off



Cancel




Ok


Permanent Offset – Off


ROTOR – PERMANENT OFFSET - OPTIONS


PERMANENT OFFSET – NONE APPLIED

The icon will not be visible on the left hand side and the dot in the image (shown below) will be at 0,0.

1: Source


2: Target


3: Pads


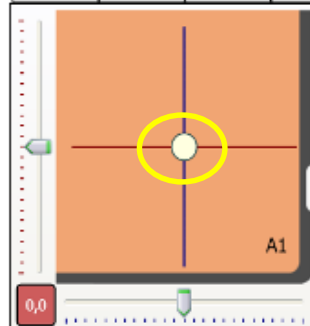
4: Program


Select program options

Selected Options


Replicate Program Options

can be specified to reset the nominal center for each source pinning


Summary	Offset	Offsets...	Pinning	Dry Mix	Permanent Offset
General					Offset Controls:
Source					Increment: 0.25
Target					<input checked="" type="checkbox"/> Snap to increments?
Pads					Position:
Profiles					X: 0 Y: 0 Radius: 0
					<input checked="" type="checkbox"/> Display as in RoToR?

Find Permanent Offset

0,0



Cancel



OK


Permanent Offset – None Applied

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PERMANENT OFFSET – ADJUSTMENT

By moving the sliders shown circled below in the image you can adjust the position offset you want applied. You are adjusting the position of the centre of the colony in the A1 position all other positions will be correct using this position as a reference. You can also move it a known amount by entering an actual value for X and Y. Another option is to change the increment value which will in turn affect how the accuracy of the sliders mentioned earlier.


1: Source




2: Target



3: Pads



4: Program



Select program options

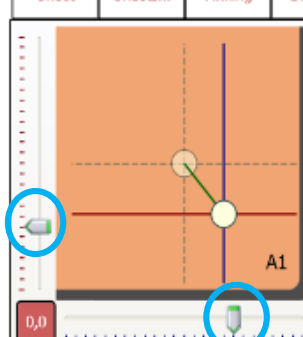
Selected Options

- Recycle
- Revisit
- Protect Source
- Auto Offset
- Permanent Offset
- Source Mix
- Target Mix

Press here to edit...

Replicate Program Options

offset can be specified to reset the nominal center for each source pi

Summary	Offset	Offsets...	Pinning	Dry Mix	Permanent Offset
General					
Source					
Target					
Pads					
Profiles					

Offset Controls:

Increment: 0.25

Snap to increments?

Position:

X:


Y:

Radius: 1.953


Display as in RoToR?

Find Permanent Offset

- Home
- Unload
- Reset
- UV
- Info
- Off




Cancel



OK

Permanent Offset – Adjustment



IAN MORGAN - PAGE 4 - 01/08/2014



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CONCLUSION

We hope that this explanation will assist you in performing the above procedure. If you need further assistance do not hesitate to contact the Technical Support Team at Singer Instruments.

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