

# GEX Technical Information Report



## Microincubator Heat Block Exchange

### PURPOSE

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Provides instruction on replacing the core assembly piece of the aluminum heat block used with the P4900 Microincubator. The core piece is the section that contains the slots for inserting the dosimeters. The other two sections are the handle and the baseplate.

### HISTORY / BACKGROUND

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With the release of new B3 dosimeter pouches in 2020, the overall height of the block is reduced 1/4" to accommodate the shorter pouches. To reduce costs to replace the existing blocks, the user can choose to replace the main piece of a 3-piece assembly with a reworked block. The existing block is disassembled, and the core of the old assembly can be returned to GEX. The old cores will be cut down, re-anodized, and sent to the next customer.

The new, shorter block can be used with both the old GEX pouch (peel-able) and the new shorter dosimeter pouches.

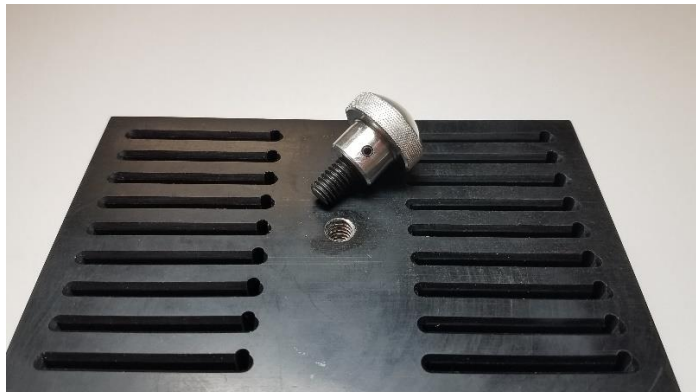
### PROCEDURE

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1. Ensure the microincubator is cooled to ambient room temperature before handling the heat block.
2. Remove the heat block assembly from the microincubator base unit and place on a flat surface.



3. Unscrew the knob from the top of the block.



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- Flip the block over and use a 7/16" or 11mm socket to remove the baseplate bolts.



- Attach the new shorter block to the baseplate and secure using the two bolts.  
**Note:** The orientation of the baseplate does not matter, it can be installed in either direction. Do not overtighten or else the threads in the aluminum block may be damaged.
- Re-install the knob into the top of the block.
- The heat block assembly is now ready to be re-inserted into the Microincubator base unit.
- Return the old core section to GEX. Please mark international shipments as 'Return to Owner' or equivalent and deliver to the following address:

GEX Corporation  
 Attn: Heat Block Exchange  
 4437 SW Cargo Way  
 Palm City, FL 34990  
 U.S.A  
 Phone: +1 303-400-9640  
 Email tracking to: orders@gexcorp.com

- Failure to return the old/used core piece to GEX will require payment for the new core piece in full which is 3 to 4 times the costs of the replacement blocks under this program.

## REVISION CONTROL HISTORY

DATE	CHANGE DESCRIPTION	REVISION
09/24/2020	Initial release.	A
01/04/2023	<ul style="list-style-type: none"> <li>- Changed subtitle from 'Microincubator Heat Block Exchange Instructions' to 'Microincubator Heat Block Exchange'.</li> <li>- Clarified History / Background section.</li> <li>- Step 8: updated company address from Colorado to Florida and tracking email.</li> <li>- Updated step 9.</li> </ul> ECO 70631	B