TPI Custom Flash Fixtures

When you have modules that need to be programmed, tested, and verified for accuracy, you can rely on Test Products, Inc. We have been developing custom electrical test solutions for decades, and we design all of that experience and expertise into our flash fixtures. To assure the correct module with the correct software is sent into production, our flash fixtures follow a detailed process.

1. The system controller tells the operator where to place the module as indicated by a light.

2. After the operator places the module in the fixture, it is keyed by size to verify it has been placed in the correct slot.

3. The module is locked in place so that the operator cannot remove it during the flashing process. This is to prevent the module from being damaged if it is removed prematurely during the flash process.

4. The module is checked to see that it is ready to install the software, and that it is the correct part number.

5. The flash system controller installs the appropriate software.

6. The flash system controller then double checks that the software installed is correct and is greenlit to move into production.

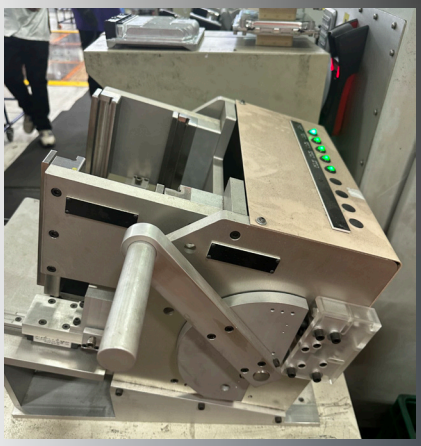
7. If there is an error in the module or software, a red light indicates an issue to the operator.

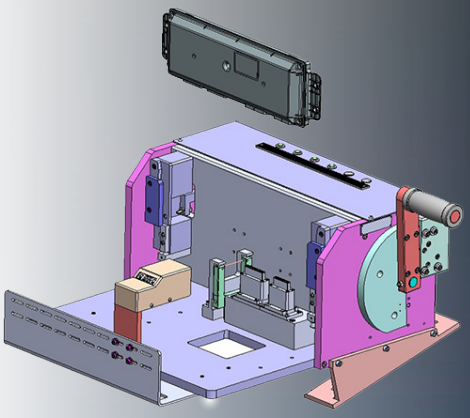
8. With the testing complete, a label is produced signifying that the module is ready for installation.

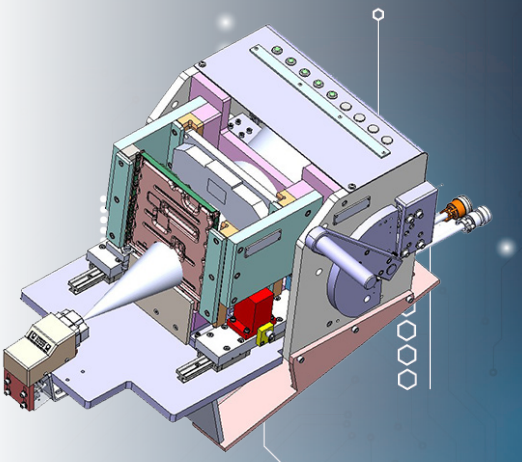
9. The operator places the label on the module, and a barcode scanner verifies that the correct label has been placed on the correct module before releasing the lock.

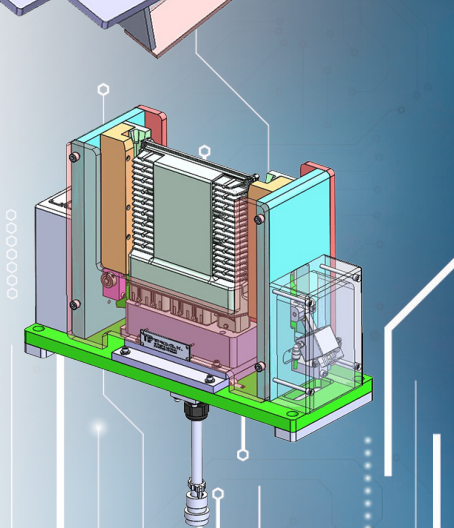
10. The operator then can remove the module from the fixture and use it for the next production steps.

We have the capability to customize your testing system to use flash technology or a mechanical system for multiple modules. Contact the TPI team to discuss your flash fixture project and we'll design a custom solution to meet your exact requirements.









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