

Technical Bulletin

Please Distribute to all Sales and Service Personnel

Mettler-Toledo, Inc.
Scales & Systems

Number: R-5-99
Date: 6-11-99
Model: 8450/2450
Subject: Main PCB, Part number 15138700A

The following information will help clear up some of the field issues concerning the 8450 main board. Some of the main PCBs, part number, 15138700A, will come with a TNET PCB installed; others will not require it. The way to determine if the TNET plug-in board is required is to look at the IC (U5) on the main board (15138700A). U5 is located at the corner of the board next to the largest capacitor. If this chip has the following information laser cut into the top of the device, then the TNET plug-in board is NOT required. The 1st line of text is the device type followed by the Intel assigned ROM code number (0176) for our software. The 2nd line is the Mettler Toledo (14552100A) for the chip that has this software masked into the device. There may be some parts out in the field that do not have our MT# on the part; however, they should still have the N8044AH and the ROM code number (0176 or R0176) on the part. Any boards having a U5 without the above mention inscriptions will need the TNET plug-in board.

Example:
N8044AH 0176
14552100A

All boards coming from the factory or MTAM would have the all of the required pieces for that assembly. Therefore, boards received should not require any addition of the TNET plug-in board. **Do not remove or install the TNET plug-in board.** Main boards that require the TNET plug-in board obviously will not function appropriately if missing; however, main boards that do not require the TNET plug-in board will work if one is installed.