

Not changed are:

- The ScopeMeter test tool functionality and performance.
The functionality and performance of units that have the new A1 and software V5.0 is identical to the functionality and performance of units that have the old A1 and software V4.05.
- The Calibration and Verification procedures as described in the Service Manual.
- The Analog A2 PCB.

This Service Supplement includes:

- The Circuit Description of the new A1 PCB. Insert this description at the beginning of Section 3 in the Service Manual.
- The Corrective Maintenance procedure for the new A1 PCB. Insert this procedure at the beginning of Section 7 in the Service Manual.
- The Replaceable Parts List for the new A1 PCB. Insert this list at the beginning of section 9 in the Service Manual.
- Circuit diagrams and a printed circuit assembly drawing of the new A1 PCB. Insert these drawings at the end of Section 10 in the Service Manual.

Ordering and replacement of digital board A1:

The new DIGITAL A1 PCB ASSEMBLY can be used as a replacement for the old version. After introduction of the new A1 PCB, the old version will no longer be available. Then you will automatically receive a new version when you order an old version. Notice the following remarks before you replace an old version A1 by a new version A1:

1. Order and install the KEYPAD FOIL, ordering code 5322 218 41052. The KEYPAD has not been modified. The "old" A1 PCB has contact surfaces for the keypad keys. The "new" A1 PCB needs a separate foil with contact surfaces. The foil is connected to the PCB by means of a flat cable and connector X1602 on the new A1 PCB.
2. Order and install the CONTACT BRACKET, ordering code 5322 405 91657. Refer to figure 9a.1 in Section 9a of this Service Supplement. The bracket connects the A1 PCB ground to the A2 PCB top screen, to meet the EMI (Electro Magnetic Interference) requirements.
3. Check the revision level of the Analog A2 PCB. If the revision level is below 17, you must change R2523, R2524, and R2858. See page 11-8 of the Service Manual for Analog A2 PCB revision level 17.