



TELEDYNE INSTRUMENTS

Advanced Pollution Instrumentation

A Teledyne Technologies Company
9480 Carroll Park Drive, San Diego, CA 92121-5201
Phone (858) 657-9800 Fax: (858) 657-9818 Toll Free 1800 324-5190
E-mail: api-customerservice@teledyne.com <http://www.teledyne-api.com>

Service Note

95-031 Rev B
2 May, 2007

M300/M400/M401/M152/M252 POWER SUPPLY MODULE CARD REPLACEMENT

Scope: Replacement procedure for failed power supply module card.

Parts: API part number 005320X00

Tools:

1. Phillips head screwdriver
2. Wire cutters

Procedure:

1. Turn the power off.
2. Remove the power cord from the unit.
3. Remove the screws holding the PSM (Power Supply Module) to the chassis.
4. Disconnect all of the electrical connectors from the PSM.
5. Remove the PSM from the unit.
6. Remove the screws holding the PSM cover.
7. Remove the cover.
8. Remove the screws from the PSM chassis holding the bracket which is right next to the PSM card.
9. Move the bracket out of the PSM.
10. Disconnect the electrical connectors from the PSM card.
11. Remove four screws from the PSM front panel holding the PSM card
(Note: There are only four screws.)
12. Remove the PSM card. Take the replacement one and install it into the PSM.
13. Assemble the PSM. Attach the PSM card to the PSM chassis, connect the connectors, mount the bracket, put the cover back on.
14. Install the PSM back into the unit.
15. If you need any further assistance, please do not hesitate to contact customer service at 1-800-324-5190.