



### WARNING

UV Lamp related shock, eye/skin, ozone gas and burn hazards are possible if the UV lamp is powered while outside the equipment lamp holder. Instrument power must always be disconnected before the lamp is removed from its holder and must always remain disconnected until the lamp is reinstalled and secured in the lamp holder. Allow 10-15 minutes for the lamp to cool before handling.



### WARNING

**Chemical Hazard!** The UV lamps contain mercury and mercury vapor. Handle lamps with care to avoid exposure. Cleanup of mercury should be in accordance with local, state, and federal guidelines. The mercury-containing UV lamps within this equipment must be disposed of accordance with local, state and federal law.

### NOTE

Leaving fingerprints on the lamp's glass surface can diminish UV output, resulting in measurement error.

- Do not touch the UV lamp's glass surface during the lamp replacement procedure.
- Use isopropyl alcohol and a lint-free cloth to clean the glass.

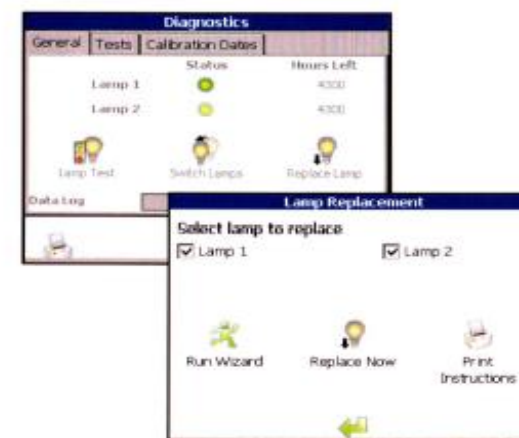
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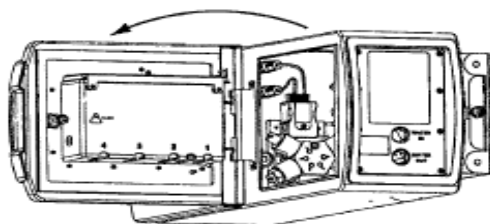
## Anatel PAT700 TOC Analyzer Lamp Replacement Procedure



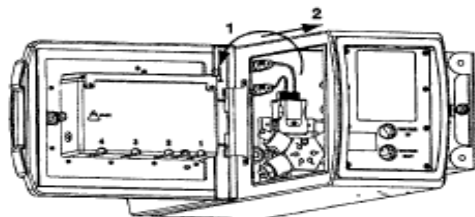
The UV lamps in the Anatel PAT700 TOC analyzer have a lifetime of approximately 4300 hours and must periodically be replaced. The replacement UV lamp part number is FG7001014.

To replace a lamp, follow these steps:

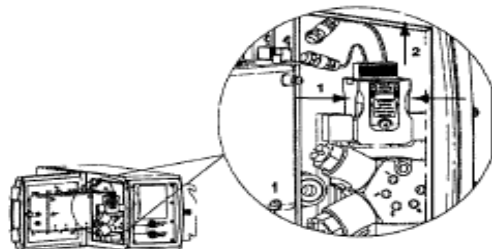
- 1) At the home screen, touch the << icon to open the sliding toolbar.
- 2) Touch the diagnostics icon.
- 3) Touch the replace lamp icon.
- 4) Select the lamp to be replaced.
- 5) Touch "Run Wizard" to run the lamp replacement wizard or "Replace Now" to skip the replacement wizard.
  - The wizard provides step-by-step instructions for replacing the lamp. *Read the instructions completely.* You will be instructed to power down the analyzer and proceed with lamp replacement.
  - If you touch "Replace Now", the display skips the replacement wizard and asks you to power down the analyzer.
- 6) Open the right access door using a 5/32-inch hex key.



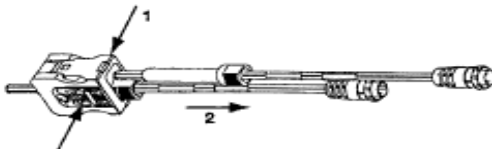
- 7) Locate the lamp power connectors in the front upper left corner of the compartment. Disconnect the lamp connectors by twisting both locking rings counter-clockwise and carefully unplugging both connectors.



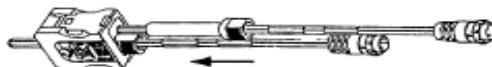
- 8) Grasp the lamp module on the right and left side and squeeze the module locking clips to release the module from the manifold assembly. Pull straight upward until the lamps clear the manifold.



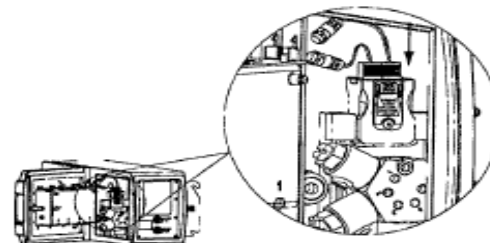
- 9) Press and hold the lamp retaining clip to release the UV lamp. While pressing the lamp retaining clip, carefully withdraw the lamp from the lamp holder. **DO NOT** touch the glass surfaces of the lamps.



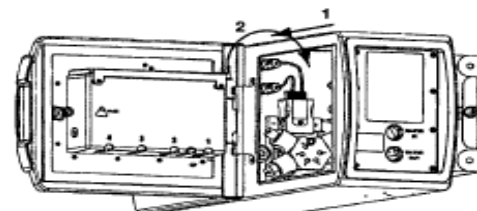
- 10) Holding the lamp by its metal sleeve, insert the new lamp into the lamp holder hole and clip into place. The lamp is self-aligning. Ensure that the lamp is locked in place by the lamp retaining clip.



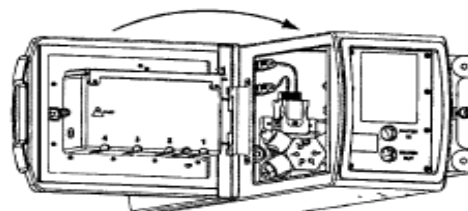
- 11) Reinsert the lamp module into the instrument by centering it over the manifold assembly and gently sliding the module down to the manifold until it locks into place.



- 12) Reconnect the lamp power connectors by carefully reinserting the connectors and locking them in place by twisting the locking rings clockwise.



- 13) Close and lock the door.



- 14) Restore power to the analyzer. When the analyzer is powered on after the lamp replacement procedure, the analyzer performs a lamp test to make sure the replaced lamp is working.