



P4506 DOSIMETER HOLDER

Technical and Usage Information

Instructions for Use

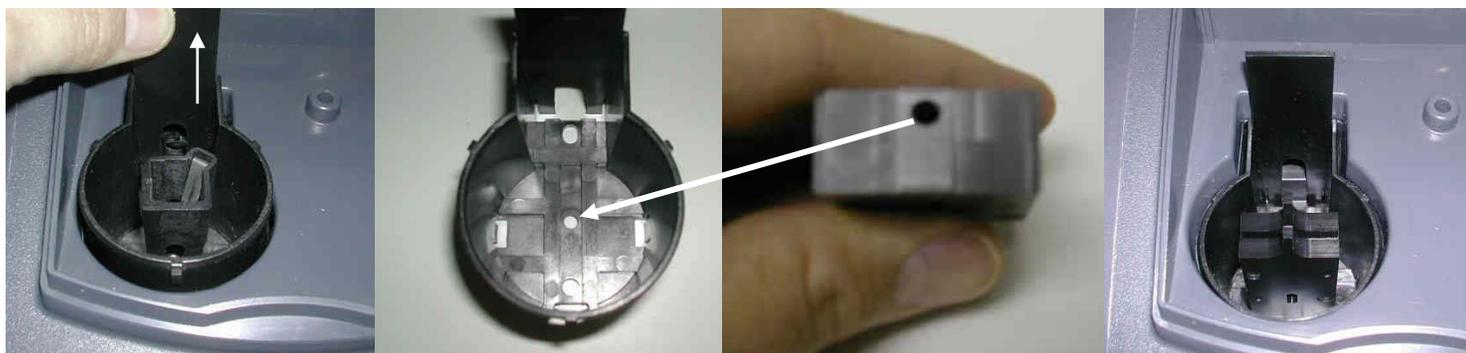
GEX dosimeter film holders are specially designed to positively control the dosimeter position throughout the readout process and to minimize light scatter from the film surfaces. They are precision machined to specified tolerances.

The aperture of the holder is designed so that the paper edges of the DoseStix dosimeters cannot interfere with the measurement.

The P4506 Dosimeter Holder replaces the cuvette holder that comes with the instrument. To affix the P4506 holder, first remove the Cuvette Cup from the Genesys 20 by pulling straight up on the back tab. Turn the cup over and unscrew the Cuvette Holder from the cup. Insert the P4506 holder so that the ridge on the bottom fits into the trough on the Cuvette Cup; the screw hole should face towards the back of the cup. Screw the P4506 holder securely in place and replace the cup into the instrument. The cup should 'click' into place. Verify that the holder is centered in the cuvette cup.

Turn on the instrument and verify that the holder is positioned properly. The instrument should read zero. Dosimeters should not be force fit. Always check film surfaces for scratches or dents that may affect measurement results.

1. Remove the cup
2. Unscrew the cuvette holder
3. Align and screw in the P4506 holder
4. Re-insert the cup



Maintenance

Users are advised to observe wear and tear on the over time. Daily checks should be made and periodic replacements should be considered.

Use filtered or clean air washes to remove particulate build-up from the holder as needed. The holder may be unscrewed using an Allen wrench to access and clean the interior. Wash with mild soap and water. Rinse thoroughly and dry completely before use.

CAUTION:

These GEX holders were specifically designed for use in the Thermo Electron Corporation *Genesys*TM series single cuvette holder GEX part #P4121. They have not been tested in any other instruments. Using these holders in any other cuvette holder or bracket should be done with caution, and requires the user to validate the P4506 holder for use with that particular configuration. Verify the holder is positioned correctly so that the holder aperture is centered in the beam spot.

Contact GEX customer service for assistance. Custom designed dosimeter film holders are available.