



## P4506 剂量计支架

技术和使用信息

### 使用说明

GEX 剂量计薄膜支架是专门设计用于在整个读取过程中控制剂量计位置并最小化薄膜表面的光散射。它们是满足特定公差精确加工件。支架上的小孔经设计以致 DoseStix 剂量计的纸质边缘不会妨碍测量。

P4506 剂量计支架代替了随仪器配备的容器支架。安装 P4506 前，先从 Genesys 20 上拆除容器杯，捏住背部的拉耳向上拉即可。将杯子倒转过来，拧去螺钉，将容器支架从杯中拆除。插入 P4506 支架，使其底部的隆脊正好嵌合容器杯的槽里，螺钉孔应该朝向杯子的背部。用螺丝钉将 P4506 支架牢牢地固定在其位置上，并将杯子放入仪器。杯子应该咔的一声卡进去。确认支架定位在容器杯的中心。打开仪器的电源并确认支架被恰当的安置，仪器应该读数为零，剂量计不应该是压入配合。不间断地检查薄膜表面是否有可能影响测量结果的擦伤或凹痕。

1. 移除杯子      2. 拧去螺钉拆除容器支架      3. 对中并螺钉固定P4506支架      4. 插入杯子



### 维护

建议客户经常观察支架各部件随着时间的磨损和损坏情况。应该执行日常的检查并考虑定期的更换。

按需使用经过滤的或清洁的空气吹洗以便将积聚的微粒从支架上清除，支架可以使用内六角扳手拧松拆除以进入和清洁内部。可以使用温和的肥皂和水清洗，使用前彻底漂洗并完全干燥。

### 警告：

这些 GEX 的支架是特别设计用于 Thermo Electron Corporation Genesys™ s 系列产品的单容器支架，GEX 零件号为 P4121。他们没有在任何其它仪器进行过测试，将这些支架用于其它任何容器保持架或支架都应该慎重，并需要客户对将 P4506 用于特定的组合进行验证。确认支架已被正确的放置，以使支架的孔位于射束点的中心。

联系 GEX 客服人员以获得帮助。客户设计的剂量计薄膜支架也可以获得。



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### Instructions for Use

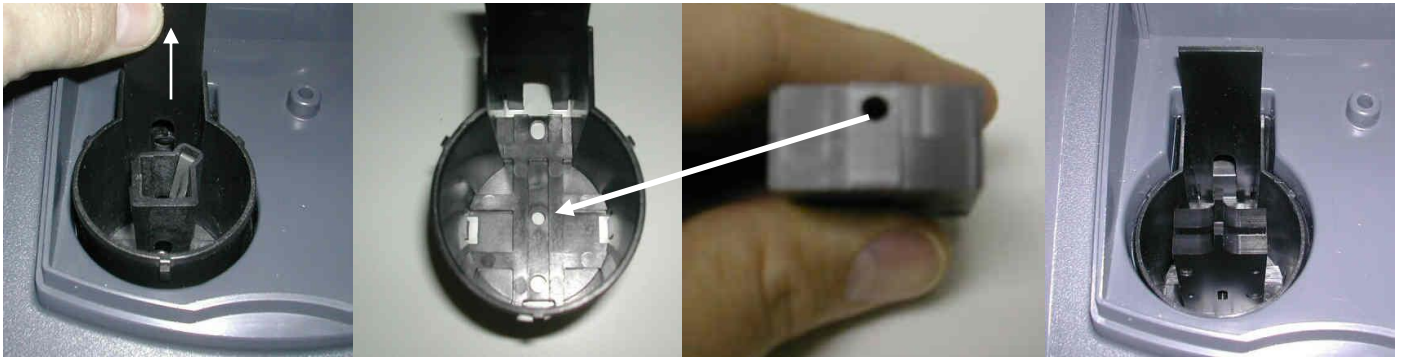
GEX dosimeter film holders are specially designed to positively control the dosimeter position throughout the readout process and to minimize light scatter from the film surfaces. They are precision machined to specified tolerances.

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*<sup>TM</sup> 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.

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