

APPLICATION GUIDE

TEFLON ENDPAD & DISPOSABLE HYPOALLERGENIC PAD FOR SKIN CONTACT

For Use with the 601V2.5 Multiport[®] Simulator



Part Number: 210085
Revision Level: B

SOLAR[®] LIGHT

SETUP FOR COMPONENTS

Figure 1 shows the white Teflon endpad which is applicable for contact with human skin. The Teflon endpad can be adjusted so that the enhanced optical system UV light output surfaces are one (1) millimeter below the skin contacting forward surface of the endplate. When applying the Teflon endpad, be sure that the larger opening of the counterbore is facing out. The Teflon endpad is retained in position by friction, and is adjusted forward and back manually. The Teflon endpad, when located in its forward position on the advanced optical system unit, is designed so that the detector top of your PMA sensor can be inserted over each individual advanced optical system output end, for determination of UV levels.

The disposable hypoallergenic pad for skin contact is supplied with a removable tack sheet covering the adhesive coating that will make contact with and adhere to the panelist's skin.

STEPS FOR APPLICATION

- 1 Prepare the skin for testing. Mark out the area where the pad and any product will be applied
- 2 Place the disposable hypoallergenic pad onto the end of the 601 such that it contacts the teflon endpad in Figure 1. *(With the tack sheet facing outward)* If the LLG tips are flush or past the back of the hypoallergenic pad, adjust the teflon endpad screws *(See Figure 3)* to create a longer distance ensuring the LLG will not make contact with skin.
- 3 Test substances can be applied to the test area.
- 4 The tack sheet of the hypoallergenic pad can be removed to expose the adhesive end that will be applied to the test site. Use the 601 to apply the LLGs to the skin, allowing the end pad to attach at the intended site.

The distinct advantage of the disposable hypoallergenic pad are that the panelist can move without dislodging the advanced optical system from the test site. Of greater importance is that the advanced optical system can be removed from the test site without turning the simulator off, and that the advanced optical system can be precisely reinserted into its last position for test continuance.

**The disposable hypoallergenic pad can be disposed of by similar means to other single use medical pads.*



Figure 1. Illustrates advanced optical system for SPF testing with Teflon endpad (White) P/N SL-06163.



Figure 2. Illustrates disposable hypoallergenic pads (Blue) P/N SL-06392.



Figure 3. Illustrates the two screws that adjust the standoff distance between the teflon endpad and LLG homogenizer