SIRCHIE
FINGER PRINT LABORATORIES

TECHNICAL INFORMATION

Black Talon Accessory Light Support System/Upgrade
Catalog Nos. BTS100U*, BTS100UL*

No. BTS100UL Components

INTRODUCTION

The BTS100 Black Talon Stabilizer has proven to be a valuable tool in the search for latent prints with the *KRIMESITE™ Imager* by providing the 254nm shortwave UV light necessary. However, locating latent prints on non-porous surfaces is dependent upon the angle of the Imager from the surface as well as the angle of the shortwave UV light reflected from it. The Accessory Light Support System/Upgrade further improves the ability of the tool to achieve all the right angles.

The innovation of the BTS100UL Accessory Light Support System permits greater flexibility in positioning the UV lights necessary for achieving the greatest reflectance. The BTS100UL includes two CUV100TS UV Mini Light Sources (254nm) where the BTS100U comes without lights. See the Installation Instructions that follow to upgrade your BTS100 Black Talon (as shown to the right) with the flexible accessory light support system.

*No. BTS100 Black Talon Stabilizer upgraded with the
BTS100UL Accessory Light Support System.*

INSTALLATION
BTS100UL

The BTS100UL upgrade can be easily attached to the BTS100 without tools.

1. Remove the rigid support arms from your old unit by unscrewing the threaded knobs.

2. Slip the BTS100UL supports directly onto the body of the BTS100 aligning the corresponding holes.

Remove the threaded knobs from the rigid support arms.

Slip the BTS100UL supports directly onto the body of your BTS100. Secure into place using the fiberglass washers and threaded knobs from the previous supports—the flat steel washers are no longer required.

3. Securely attach into place using the fiberglass washers and threaded knobs from the previous supports (the flat steel washers are no longer required).

BTS100U

The BTS100U Accessory Light Support System does not include CUV100TS lights. Therefore, you will need to re-move the lights from the rigid support arms of your old unit.

1. Remove the threaded knobs holding each light onto the rigid support arms.

Remove the threaded knobs holding the lights to the rigid support arms.

Unscrew the wing nuts securing the lights to the support rods and remove.

2. Unscrew the wing nuts securing the lights to the support rods and remove the lights.

3. Install the lights on the BTS100U supports by snapping them into each light cradle.

4. Attach the flexible arms to the BTS100 as described above for the BTS100UL.

With either Accessory Light Support System/Upgrade, your Black Talon (shown below) becomes a flexible, fully adjustable lighting system for your *KRIMESITE™ Imager*.

Install the lights on the BTS100U supports by snapping them into each light cradle.

BTS100 Black Talon Stabilizer shown above with BTS100UL attached in use with KSS60 Imager (KSS60 and BTS100 sold separately).

*BTS100UL includes two CUV100TS UV Mini Light Sources (254nm); BTS100U comes without lights.

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