

# SAS-6000

## Fluotest UV Illumination Cabinet

Dual wavelength  
UV Illumination

Eyesafe Viewing  
Window

Adjustable intensity  
white light

Large Viewing area

Large access Door

Camera Mounting  
Accessories

High Power  
Longwave UV



The new SAS-6000 Fluotest from Sas R&D Services, Inc is an ideal way of examining and recording luminescent safeguards on all types of security document such as Passports, Identity Cards, Currency, Share Certificates, Bonds, Revenue Stamps and Credit Cards. By blocking all ambient lighting even the weakest luminescent features can be seen in the light tight SAS-6000. No longer is it necessary to darken a room to see a weak luminescent safeguard, just place in the SAS-6000 and view through the eyesafe viewing shroud.

For Questioned Document Examiners the SAS-6000 may be also used to inspect alterations to documents. It is well known that long wave ultraviolet illumination will highlight tampering caused by chemical staining or mechanical erasures, whilst counterfeit printed watermarks will become very visible.



## SAS-6000 Specification

### Illumination

Longwave Ultraviolet: Four 9 watt compact PL lamps with peak emission at 365 nanometres controlled by a single rocker switch.

Shortwave Ultraviolet: Two 9 watt compact PL lamps with peak emission at 254 nanometres controlled by a single rocker switch. Filtered to block visible radiation from the lamps.

White Light: Two 25 watt Quartz Halogen lamps with adjustable brightness, controlled by a single rocker switch and a rotary intensity control.

### Options

SAS-6000CW: Two 9 watt Cool White PL lamps, replacing Quartz Halogen.

SAS-6000L: Longwave Ultraviolet lamps only.

### Electrical

Power: 220/230/240 volts 50/60Hz at 200 watts maximum.

### Mechanical

Footprint: 395 x 335 mm

Height: 263 mm

Door opening: 300 x 145 mm

Viewing window: 180 x 180 mm

Working area: 295 x 300 mm

Weight: 9 Kg

### Features

Camera mounting assembly to suite Fuji FinePix S602 Zoom camera supplied as standard.

Large viewing hood allows unrestricted viewing of working area.

Viewing hood is removable and may be rotated 90 degrees for side viewing.

Large door opening allows documents up to A4 size to be inserted long side leading.

Door can lock in open position for ease of document insertion.

Adjustable intensity white light allows superimposition imaging of fluorescent security safeguards on normal document images.



Supplied with mounting suitable for the Fuji FinePix S602 digital camera (camera not included)



Fluorescent Security Safeguard clearing seen on a Uzbekistan passport

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