

Forensic Kit, 258450 (A) Barrier Filter Goggles, (B) Excitation Filters, (C) Barrier Filters

Light Source Specifications	
Protection	Class II
Lamp Type	Halogen Reflector Lamp
Lamp Voltage	24V
Rating	
Lamp Power Rating	250 W
Luminous Flux	1300 Lumens
Light Control	Electrical / Mechanical
Active Light Guide Diameter	Max. 15 mm
Weight	Approx. 13 lbs.
Certification Marks	120 Volt - CUL/UL 230 Volt - VDE/EMV

Forensic Kit

For fluorescent fingerprint detection, super glue unstained, shoe prints etc. at the crime scene and in the laboratory

Features

- The kit is portable, lightweight, and easy to use since there are only a few components.
- Fingerprints appear clearly and can be easily photographed with the use of barrier and excitation filters.
- High intensity output of 1300 lumens due to small light angle (light source sold separately).
- The specimen is not damaged or destroyed because very little heat is transmitted through the IR filter in the light source.
- Use for all known methods of development such as: DFO, Cyanoacrylate Rhodamine, Cyan + Safranin, Cyan Ardrex.
- Use with substrates such as paper, aluminum foil, plastic, sheet metal.
- Blue (485 nm) and green (515 nm) excitation filters (B).
 - Spectrum at light guide exit with blue filter: 420 - 485 nm (50% values).
 - Spectrum at light guide exit with green filter: 515 - 560 nm (50% values).
- Barrier filters (C) and barrier filter goggles (A) in yellow (OG 515) and red (RG 610). Goggles fit comfortably and allow a wide field of view.
- Spot lens available for 12/15mm active bundles. Helps to concentrate the light to optimize intensity.
- Light source, bundle, and spot lens sold separately.

RECOMMENDED LIGHT SOURCE

KL 2500 LCD with 250 watt light bulb, light intensity of 1300 lumens , integrated filter wheel, LCD-Display for the color temperature of halogen bulb and input socket for bundles with active diameter up to .59”(15). **SOLD SEPARATELY.**

RECOMMENDED BUNDLES

Single bundle available in two lengths. 1000 mm or 1500 mm for added versatility. 1 arm flexible length, M-PVC active diameter .59” (15). **SOLD SEPARATELY.**

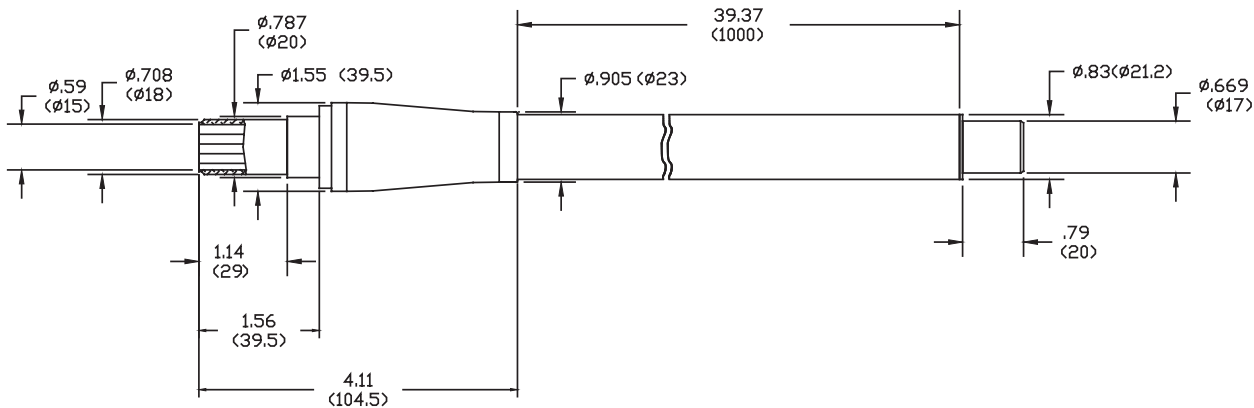
Forensic Kit	
Part No.	Description
258450	Excitation Filter, Blue (485 nm) Excitation Filter, Green (515 nm) Barrier Filter, 2.95” (75) x 2.95” (75), Yellow (OG515) Barrier Filter, 2.95” (75) x 2.95” (75), Red (RG610) Barrier Filter Goggles, Yellow (OG515) Barrier Filter Goggles, Red (RG610)

Forensic Kit (Continuation)	
Part No.	Recommended Light Sources
250201	KL 2500, LCD, 120 Volt Version
250200	KL 2500, LCD, 230 Volt Version
	Recommended Bundles
250102	Bundle, 15.0mm x 1000mm
250103	Bundle, 15.0mm x 1500mm
	Spot Lens
258210	Spot lens for 12/15 mm active diameter bundles

Forensic Kit

Dimensions in () are in mm

P/N 25010 & 250103
Single Bundle
(SOLD SEPARATELY)



Bundle Length	
Part No.	L
250102	39" (1000)
250103	59" (1500)

Filter Dimensions			
Item	Outside Diameter	Thickness	Wavelength
Excitation Filter (blue)	1.10" (28)	.12" (3)	485 nm
Excitation Filter (green)	1.10" (28)	.12" (3)	515 nm
Barrier Filter (yellow)	2.95" (75) x 2.95" (75)	.16" (4)	OG 515
Barrier Filter (red)	2.95" (75) x 2.95" (75)	.08" (2)	RG 610