

PAGLAB MSA-810

IDEAL FOR TRACE EVIDENCE INVESTIGATION, VERIFICATION AND DOCUMENTATION

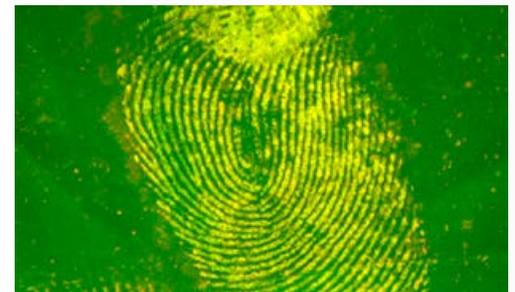
The Paglab MSA-810 is a complete lighting solution for in-depth forensic investigation. Developed for the demanding needs of a modern crime lab, the PAGLAB is an effective tool when identifying fingerprints, biological stains, blood and bodily fluids, hair and fiber, paint chips, chemical residue, and many other potentially incriminating materials.

The easy to use, compact station offers investigators an extraordinary level of illumination. A motorized filter changer enhances work flow in time-critical applications.



PAGLAB MSA-810 FEATURES

ILLUMINATION	120W multispectral light source, 320-720nm reach, 10 illumination filter bands
OPERATION	Detachable remote control with illuminated LCD display, motorized filter changer, liquid light guide
BEAM	15° quartz condenser, 30° quartz condenser, Oblique lighting shape converter
POWER SOURCE	AC powered, 90-240V



FINGERPRINT CYANO TREATED (530NM)



SPERM ON TISSUE



SPERM UNDER UV LIGHT

PAGLAB MSA-810 SHOWN WITH ACCESSORIES



TECHNICAL SPECIFICATIONS:

- Paglab MSA-810 housing with handle, connection of remote control unit, extension for telescope and attachment for light guide
- Multispectral light source 320-720nm, power 120W
- Motorized filter changer via remote control
- Detachable remote control box with LCD screen for filter values, light intensity and ON/OFF function (shutter control)
- Liquid light guide d=5mm, 1.5m long with attachment for accessories like shape converter, condenser for larger 30° spot
- 10 wavelengths with spectra range, white light, UV purple, blue, cyan, and green to yellow
- 4 goggles (UV protection, orange, yellow, red)
- Extension for telescopic handle (up to 70cm) with light guide attachment
- Front quartz condenser, 15° light spot, 25cm with distance to object of 1m and 12.5cm with distance of 50cm
- Camera filter, d=58mm, orange 530nm, yellow 495nm and red 590nm
- 90-240VAC, mains connection

WEIGHT:

- 5.2kg approximately

SIZE:

- 150x180x260mm (WxHxD) approximately

	LIGHT OUTPUT	WAVELENGTH (NM)	BANDWIDTH (NM)	GOGGLES OR CONTRAST FILTERS	APPLICATION
1	White/visible	400 – 700	400 – 720	UV protection	General evidence illumination
2	UVA	UV 365	320 – 390	UV protection	UV fluorescence dyes and powders, bite marks, bruising, document, fibres
3	UVA enhanced	UV 365+	320 – 490	UV protection orange	Biological stains, bodily fluids
4	Purple	415	400 – 430	None	Blood, DNS, sperm, gunshot residue, fingerprints in blood
5	Blue	440	420 – 460	Orange	Urine, saliva, sperm
6	Blue	450	400 – 470	Orange or yellow	Biological stains, fibres, blood
7	Cyan	500	470 – 520	Orange or red	Rhodamine, other fluorescent chemicals
8	Green	530	515 – 540	Orange	Ninhydrin-treated fibres
9	Green	550	525 – 560	Orange	DFO
10	Amber	590	580 – 610	Red	Ninhydrin, fluorescent background



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