

INSPEC 8

EASY DOCUMENT EXAMINATION

The Inspec 8 is a compact solution for validating critical documents such as passports and visas, and for certifying international currency.

Using one of eight integrated lighting systems, operators can quickly examine embedded security features while spotting forgeries created through either mechanical or chemical alteration.



TOP: EMBOSSED STAMP UNDER EPI LIGHT
LEFT: INDIA DEPARTURE AND ARRIVAL STAMP UNDER UV LIGHT,
RIGHT: ALTERATIONS VISIBLE UNDER IR LUMINESCENCE

INSPEC 8 FEATURES

HD	High-resolution 1920x1080 images
EASY CAPTURE	Image capture function on 2x 4GB SD card
WIDE RANGE IR	Visible alterations are easily examined under IR Luminescence and IR Absorption
HIGH EFFICIENCY	Up to 200 control settings can be stored and restored via internal memory and via USB stick

FILTERS AND APPLICATION

UVA 365NM	For identifying counterfeit watermarks, fluorescent UV security marks, and colored fibers
UVC 254NM	For viewing fluorescent security marks at shortwave UV, with integrated security system
IR LUMINESCENCE 50W	For viewing differences between various inks and pencil leads, and for indentifying primary and secondary entries (mechanical and chemical)
INFRARED / WHITE LIGHT 2X 20W	For viewing differences between various inks and pencil leads in IR; ideal for the examination of Guilloche, security printing inks, micro text, and latent image effects
FLAT LIGHT LED 3X3, 5W	For viewing mechanical erasures, embossed stamps, intaglio printing, and OVD/OVI latent image effects
TRANSMITTED LIGHT 1X 20W AND UV 365 NM	For viewing mechanical erasures, safeguarding threads, watermarks, perforations, and see-through registers
VERTICAL SURFACE LIGHT (RETRO)	For identifying retroreflective security marks, coins, and metallic surfaces

TECHNICAL SPECIFICATIONS:

- Basic instrument with front control elements/keypad
- Button for image capture on SD card
- Full HD resolution IR color camera 1920 x108
- Zoom objective 20x
- Magnification range with 24" monitor: up to 75x
- Excitation filter, blue-light 380-570nm
- Camera barrier filter: 610/665/715/780/850nm/Neutral
- DVI-monitor connection for direct live image on monitor
- SD card 1x 4GB
- USB live camera exit
- Sequencer providing five sequences for rapid automated document examination processes
- Eight integrated illumination systems

DIMENSIONS: 360x360x365mm (WxDxH)

WEIGHT: 12kg

MAINS APPLIANCE: 12V
100-240V/50-60Hz

POWER CONSUMPTION: 60W

OPERATION TEMPERATURE: 5-60°C

OPTIONS:

- 24" monitor
- PIA-7 forensic software
- Pagscan Document reader
- DVI cable



**FORENSIC
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