

PROJECTINA

INSPEC 8S

SECOND LEVEL INSPECTION SYSTEM



FORENSIC
TECHNOLOGY

SOLUTION FOR SECOND LINE DOCUMENT INSPECTION

The new **INSPEC 8S** has been specifically designed for second level inspections at immigration checkpoints, banks, and police departments. With lateral openings, the INSPEC 8S is extremely easy to use and can be adapted to any user's skill level. The INSPEC 8S uses full HD resolution (1920 x 1080) and an image capture function on SD card.



INSPEC 8S FEATURES

HD

High-resolution
1920x1080 images

Easy capture

Image capture function on
1x 16 GB SD card

Broad spectrum illumination

Visible alterations are easily
examined under IR luminescence
and IR Absorption

High efficiency

5 preset sequences available to
automate routine examinations

Versatile

Full remote control and analysis
tools available with optional
workstation and PIA-7
software suite

INSPEC 8S LIGHTING

UVA 365 NM	Identification of counterfeit water marks, fluorescent UV security marks, colored fibers, etc.
UVC 254 NM and UVB 313 NM	Fluorescent security marks at short-wave and mid-wave UV, with integrated security system
IR Luminescence	Viewing of distinguishing differences in inks or pencil leads, identification of primary and secondary entries (mechanical and chemical)
Infrared / White light	Differences in inks or pencil leads with IR, ideal for examination of Guilloche, security printing inks, micro text, and latent image effects
Infrared broad-band illumination	Illumination for "anti-Stokes inks"
Side Light	Viewing of mechanical erasures, embossed stamps, intaglio printing, and OVD/OVI latent image effects
Transmitted white and UV 365 nm light	Identification of mechanical erasures, safeguarding threads, watermarks, perforations, and see-through registers
Coaxial light (Retro)	Identification of retroreflective security marks, coins, and metallic surfaces
LED ringlight	OVD's



Passport showing anti-stokes inks



Passport under UV 313 NM



Watermark visible in transmitted light

OPTIONS

- PIA-7 forensic imaging software
- PAGScan Document reader



TECHNICAL SPECIFICATIONS

Basic instrument with front control touch panel

Button for image capture on SD card

Full HD resolution IR color camera 1920 x 1080

Zoom objective 20x

Magnification range with 24" monitor: up to 75x

Excitation filter, blue-light 380 – 570nm

Camera barrier filter: 610/665/715/780/850 nm/Neutral

DVI-monitor connection for direct live image on monitor

SD card 1 x 16GB

USB live camera output to PIA-7 software

Sequencer providing five sequences for rapid automated document examination processes

11 integrated illumination systems

Infrared broad-band illumination (for "anti-Stokes inks" examination 740 – 1100 nm)

UV illumination 254, 313 and 365 nm

LED Ringlight illumination for OVD's

Remote control (via USB) through PIA-7 software

Dimensions	360 x 360 x 365 mm (W x D x H)
Weight	12kg
Mains appliance	15V 100-240V/50-60Hz
Power consumption	60W
Operation conditions	+5 to +35°C

We reserve the right to make modifications as a result of technical developments. Illustrations, descriptions and extent of delivery are therefore not binding.