

SPECTRAL LUMINESCENCE MAGNIFIERS "REGULA" MODEL (4177)

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Portable USB 2.0 device for authenticity examination of banknotes and securities, for application in forensic investigations as well as for examination of special pigments and materials properties.

Investigation charecteristics:

Light sources:

- upper white
- upper UV 365 nm
- upper IR 870nm
- upper IR 940 nm
- upper green 530 nm
- white oblique
- Ir oblique 870 nm
- high intensity IR 980 nm (for anti-Stokes)

Investigation modes:

- investigation in white light
- investigation in white oblique light
- investigation in IR oblique light
- investigation of IR - luminecsence properties of the materials
- when excited by UV light

Filters.....IR - transmitting filter 700-1100 nm

Optical characteristics:

Resolution.....not less than 2500 dpi

View field.....12,5 x 10 mm

Sensor characteristics:

Sensor type.....1,3 Mp, CMOS, color

Resolution.....1280 x 1024 active pixels

Dinemic range.....60 dB

Maximum data stream....30 frames per second in resolution 640 x 480

15 frames per second in resolution 1280 x 1024

Other characteristics:

Size.....94 x 59 x 52 mm

Weight.....not more then 130 g

Power consumption.....not more then 3 Wt

Interface.....USB 2.0

Minimal system requirements to PC:

Processor Intel Pentium III, Celeron 1 GHz, AMD-K7 or higher.

Windows XP, Windows 2000.

Port USB 2.0.

RAM 256 MB.

Video adapter, supporting 1280X1024, 24-bit color

