Compact devices Regula 10XX

Regula compact devices are intended for express authenticity verification and advanced examination of passports, ID cards, travel documents, visa stamps and seals, including but not limited to entry permits, banknotes, driver's licenses, vehicle registration certificates and other vehicle related documents, signatures and handwriting fragments, revenue and special stamps, securities and other documents with security features.

The devices enable to detect main security features in printing, compare sizes of objects, control the width of typographic lines, detect mechanical and chemical alterations in document structure, examine documents in transmitted light.

Regula 10XX are compact devices constructed in a shockproof plastic body. The devices are powered by two batteries. All models are equipped with a diopter adjustment ring. The illumination modes are easily switched using the control elements on the side panel of the device.

Certain models are supplied with a measuring scale for estimating geometrical parameters of examined objects. Regula 10XX can be optionally supplied with a special Cordura case for fixing the device on the waist belt.

The compact devices can be used as separate authenticity verification devices or can be supplied with other Regula devices extending their functionality.

Models

Regula 1019

- Magnification — 10 times
- Document examination under white light
- Document examination under UV illumination — 254, 313, 365 nm
- Detection of retroreflective protection
- Detection of Anti-Stokes luminescence
- Micro-USB slot for charging

Regula 1019-15

- Magnification — 15 times
- Document examination under white light
- Document examination under UV illumination — 254, 313, 365 nm
- Detection of retroreflective protection
- Detection of Anti-Stokes luminescence
- Micro-USB slot for charging

Regula 1025

- Magnification — 10 times
- Document examination under white incident light
- Document examination under white oblique light
- Document examination under UV illumination — 254, 313, 365, 400 nm
- Detection of retroreflective protection
- Detection of Anti-Stokes luminescence
- Holographic security elements examination, OVD visualization
- Document examination under interchangeable white/UV light
- Micro-USB slot for charging

Regula 1025-15

- Magnification — 15 times
- Document examination under white incident light
- Document examination under white oblique light
- Document examination under UV illumination — 254, 313, 365, 400 nm
- Detection of retroreflective protection
- Detection of Anti-Stokes luminescence
- Holographic security elements examination, OVD visualization
- Document examination under interchangeable white/UV light
- Micro-USB slot for charging

Regula 1029-15

- Magnification — 15 times
- Document examination under white incident light
- Document examination under white oblique light
- Document examination under white spot light
- Document examination under UV illumination — 365, 400 nm
- Detection of Anti-Stokes luminescence
- Holographic security elements examination, OVD visualization
- Detection of radio frequency identification devices (RFID)
- Built-in Li-pol battery with micro-USB slot for charging

Regula 1030-24

- Magnification — 24 times
- Document examination under white incident light
- Document examination under white oblique light
- Document examination under UV illumination — 365 nm
- Detection of retroreflective protection
- Detection of Anti-Stokes luminescence
- Holographic security elements examination, OVD visualization
- Detection of radio frequency identification devices (RFID)
- Built-in Li-pol battery with USB Type-C slot for charging

Regula 1031-24

- Magnification — 24 times
- Document examination under white incident light
- Document examination under white oblique light
- Document examination under UV illumination — 254, 313, 365, 400 nm
- Detection of retroreflective protection
- Document examination under infrared light
- Detection of Anti-Stokes luminescence
- Holographic security elements examination, OVD visualization
- Detection of radio frequency identification devices (RFID)
- Built-in Li-pol battery with USB Type-C slot for charging

Application

- Law enforcement authorities
- Border control and immigration services
- Customs authorities
- Banking Institutions
- Visa support agencies, consulates, notary offices
- Other agencies and organizations authorized to check documents

Delivery set

- Measuring scale for models **Regula 10XX.01**, **10XX.01-15**, **10XX.01-20**, **10XX.01-24**
- 2 batteries of AAA type for models **Regula 1019, 1019-15**; 2 rechargeable batteries of AAA type for models **Regula 1025**, **1025-15**
- Optionally:
    - special case for fixing the device on the waist belt

- 2 rechargeable batteries of AAA type for models **Regula 1019, 1019-15**

Functionality			Model				
			1019	1025	1029	1030	1031
Light sources	White	incident	+	+	+	+	+
		oblique		+	+	+	+
		for OVD visualization		+	+	+	+
		coaxial	+	+		+	+
	Interchangeable white/ultraviolet			+			
	Ultraviolet, nm	254	+	+			+
		313	+	+			+
		365	+	+	+	+	+
		400		+	+		+
	Infrared incident 850 nm						+
	High-intensity IR 980 nm		+	2 modes	+	+	+
	Spot	white			+	+	+
		ultraviolet 365 nm					+
Detector of radio frequency identification devices (RFID)					+	+	+

Optical parameters	Model			
	1019, 1025	1019-15, 1025-15, 1029-15, 1030-15, 1031-15	1030-20, 1031-20	1030-24, 1031-24
Magnification, times	10	15	20	24
Field of view (diameter), mm	20 ± 2	12 ± 2	8 ± 1	6,5 ± 1
Diopter adjustment, dptr	±2	±2	±2	±2

Dimensions (length×width×height), mm:

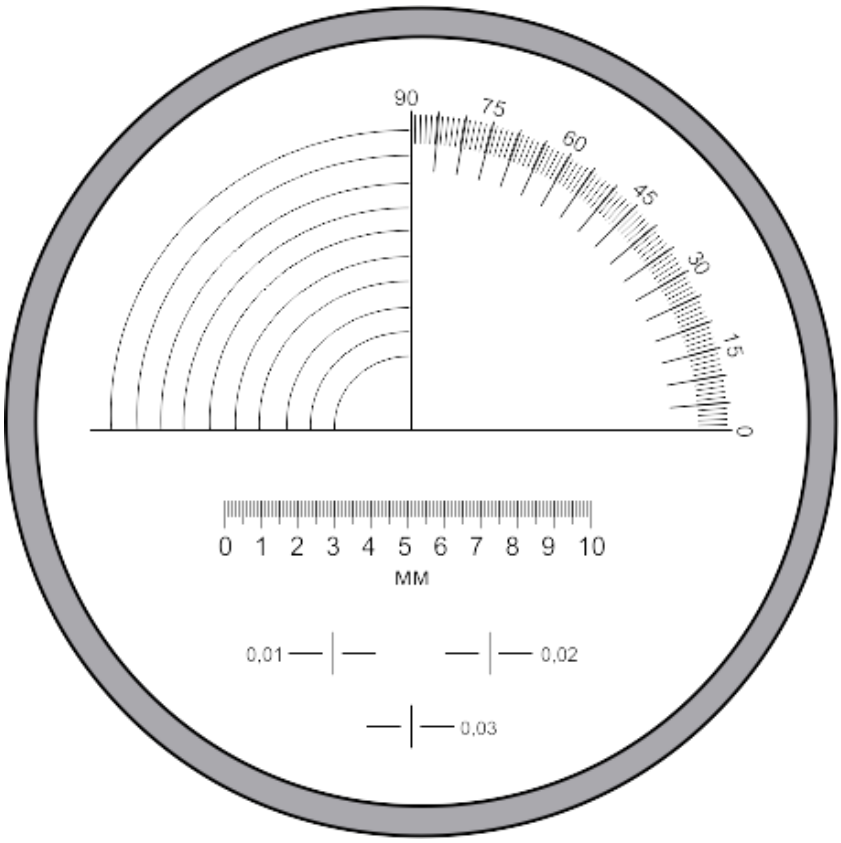
- **Regula 1019, 1025, 1029** — 96×53×58
- **Regula 1030, 1031** — 102×60×45

Weight, kg, max — 0,2

Power supply elements:

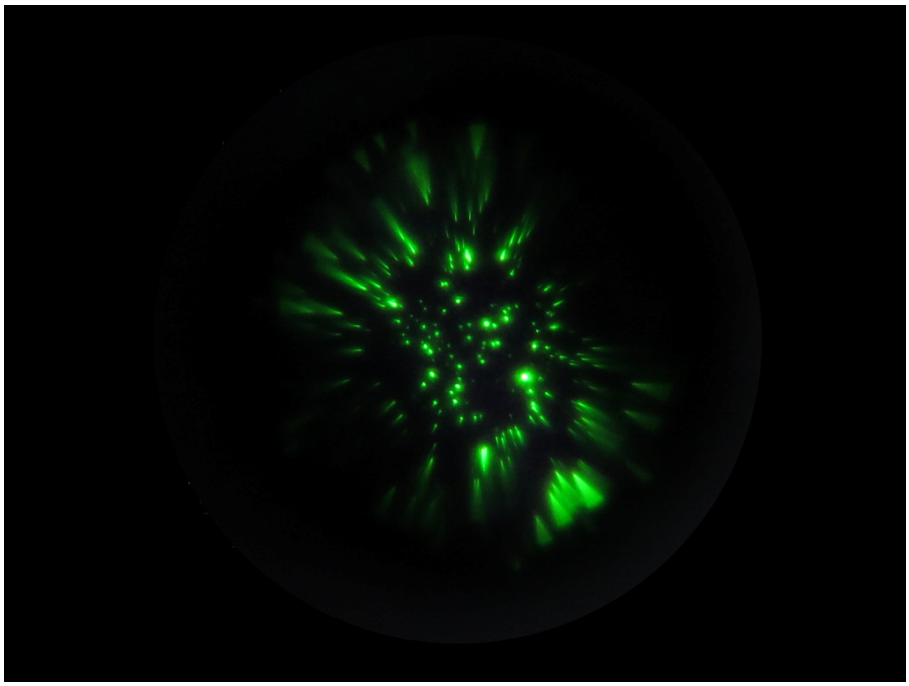
- AAA type — 2 pieces for models **Regula 1019, 1025**
- built-in Li-pol battery for models **Regula 1029-15, 1030-15, 1031-15, 1030-20, 1031-20, 1030-24, 1031-24**

Measuring scale for models **Regula 10XX.01**, **10XX.01-15**, **10XX.01-20**, **10XX.01-24**

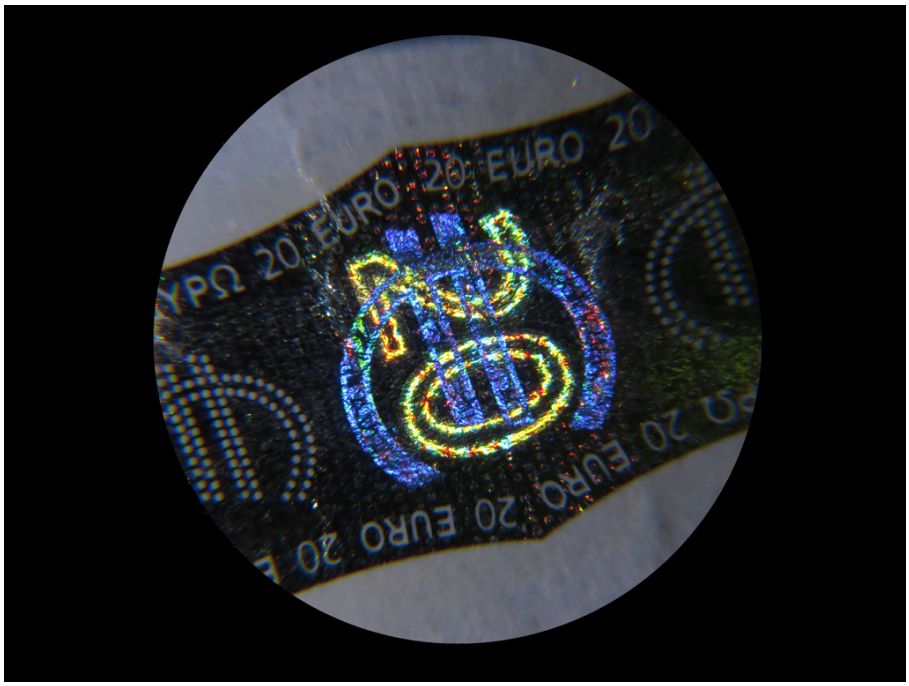


- Linear scale, mm — 0–10
- Linear scale division, mm — 0,1
- Angular scale — 0–90°
- Angular scale division — 1°
- Radial scale, mm — 1–10
- Radial scale division, mm — 1
- Reference lines width, mm — 0,01; 0,02; 0,03

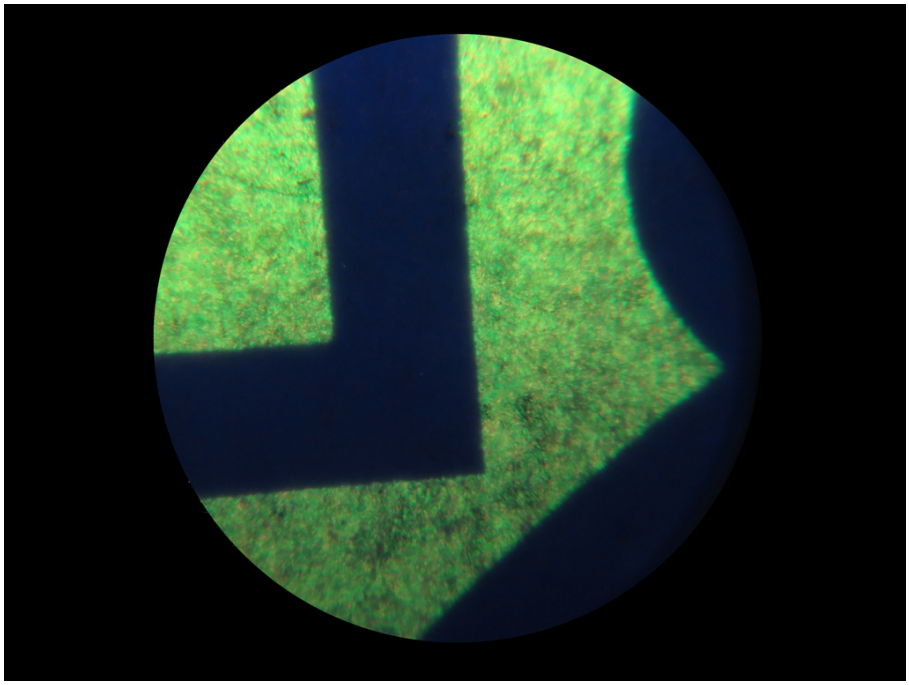
Regula 1025 on a banknote

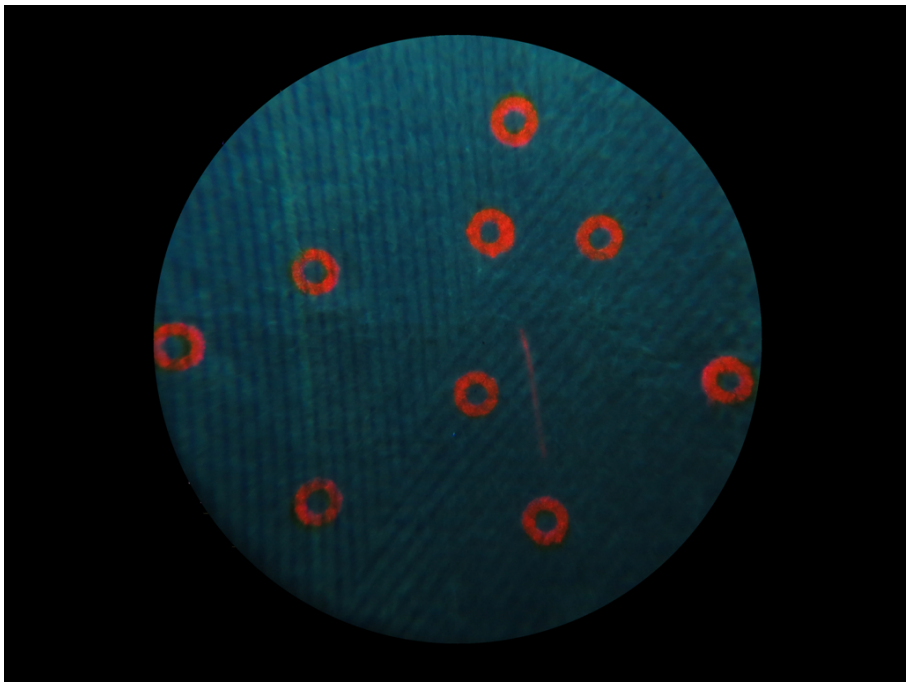


Anti-Stokes protection

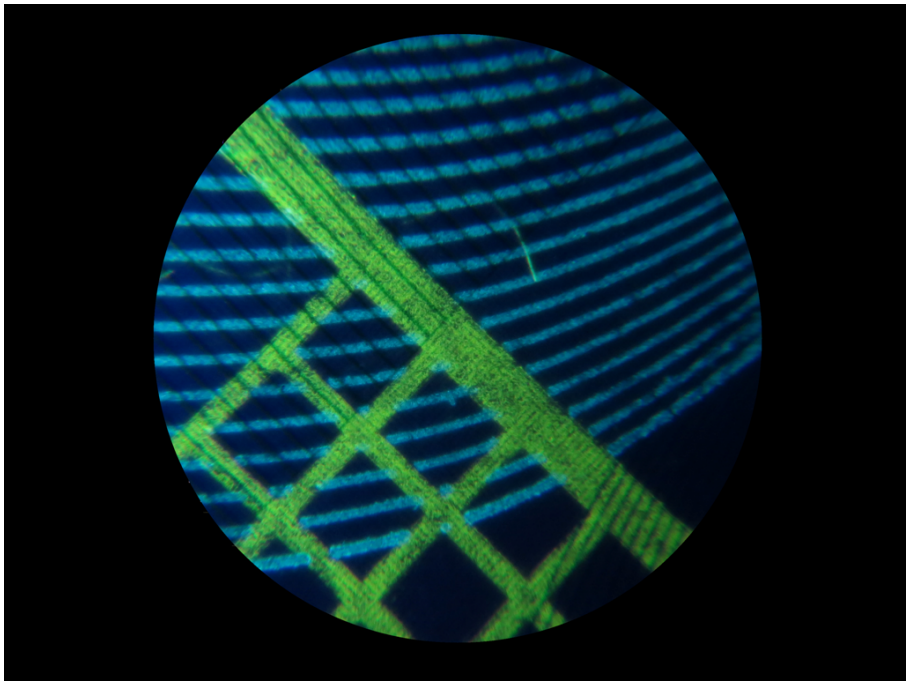


OVD visualization

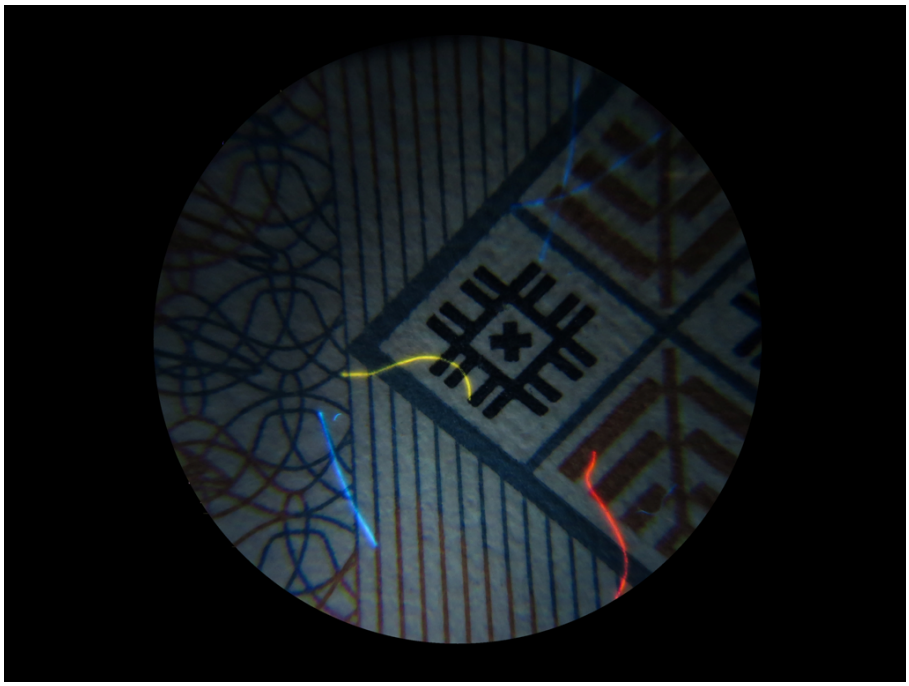

Examination in ultraviolet spectral range – 254 nm



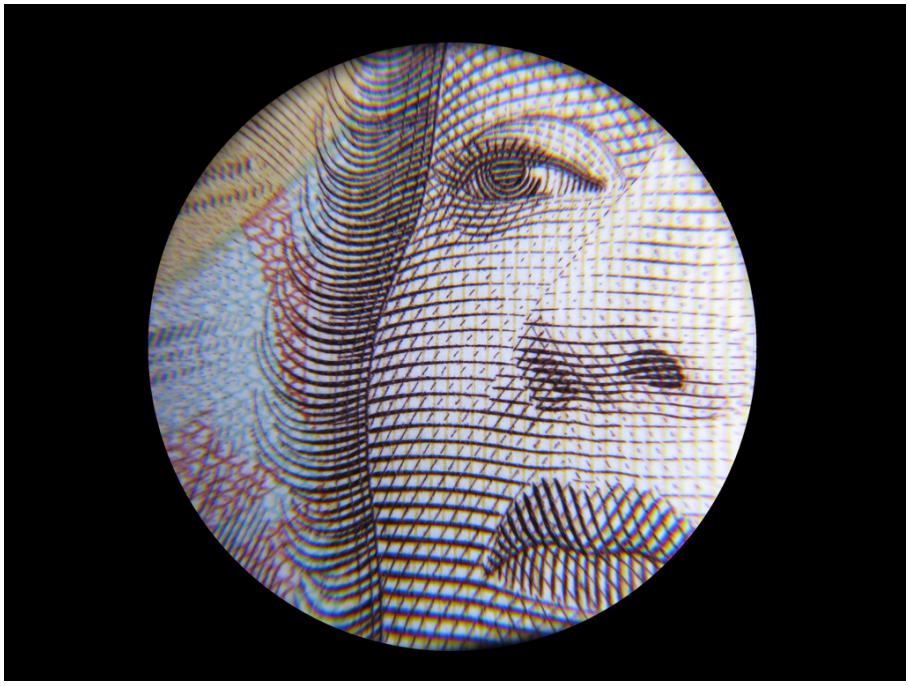
Examination in ultraviolet spectral range – 313 nm



Examination in ultraviolet spectral range – 365 nm



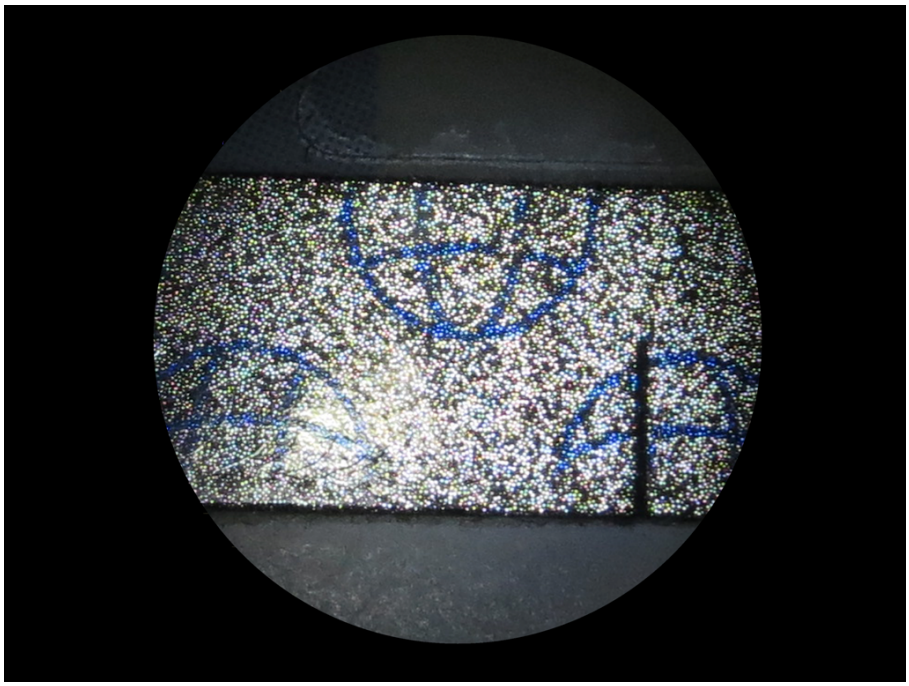
Examination in ultraviolet spectral range – 400 nm



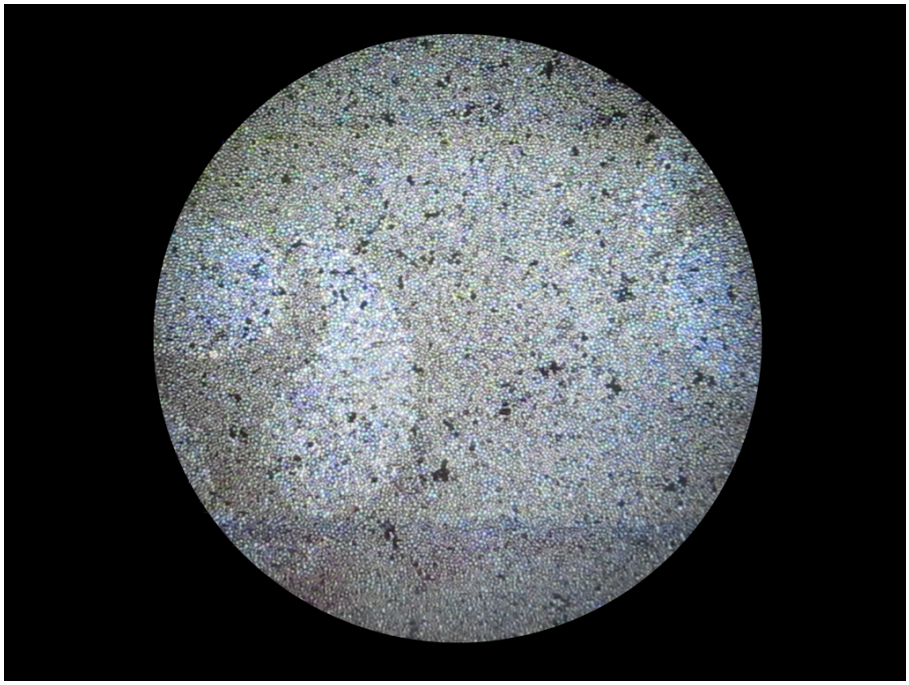
White top light

White oblique light

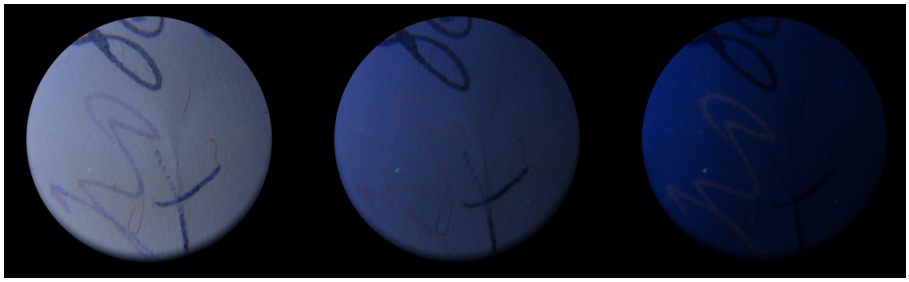
White oblique light



Retroreflective protection



Retroreflective protection



Interchangeable white/ultraviolet light