

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, driving 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 1010

- Magnification — 10 times
- Document examination under white oblique light
- Document examination under UV illumination — 365 nm
- Micro-USB slot for charging

Regula 1011

- Magnification — 10 times
- Document examination under white oblique light
- Document examination under UV illumination — 365 nm
- Detection of retroreflective protection
- Micro-USB slot for charging

Regula 1013

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

Regula 1019

- Magnification — 10 times
- Document examination under white oblique 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 1021

- Magnification — 10 times
- Document examination under white top light
- Document examination under UV polarized light — 365 nm

Regula 1022

- Magnification — 10 and 20 times
- Document examination under white oblique light
- Document examination under UV illumination — 365 nm

Regula 1025

- Magnification — 10 times
- Document examination under white top 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

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 **Regula 10XX.01**
- 2 batteries of AAA type for models **Regula 1010, 1011, 1013, 1019, 1021, 1022**; 2 rechargeable batteries of AAA type for model **Regula 1025**
- Optionally:
 - special case for fixing the device on the waist belt
 - 2 rechargeable batteries of AAA type for models **Regula 1010, 1011, 1013, 1019, 1021, 1022**

Functionality			Model						
			1010	1011	1013	1019	1021	1022	1025
Magnification, times			10	10	10	10	10	10	10
								20	
Field of view (diameter), mm			20 ± 2	20 ± 2	20 ± 2	20 ± 2	20 ± 2	20 ± 2	20 ± 2
Light sources	white	top	+	+	+	+	+	+	+
		oblique							+
		for OVD visualization							+
		coaxial		+		+			+
	interchangeable white/ultraviolet								+
	ultraviolet, nm	254				+			+
		313				+			+
		365	+	+	+	+		+	+
		400							+
		polarized 365					+		
	high-intensity IR 980 nm				+	+			2 modes

Diopter adjustment, dptr — ±2

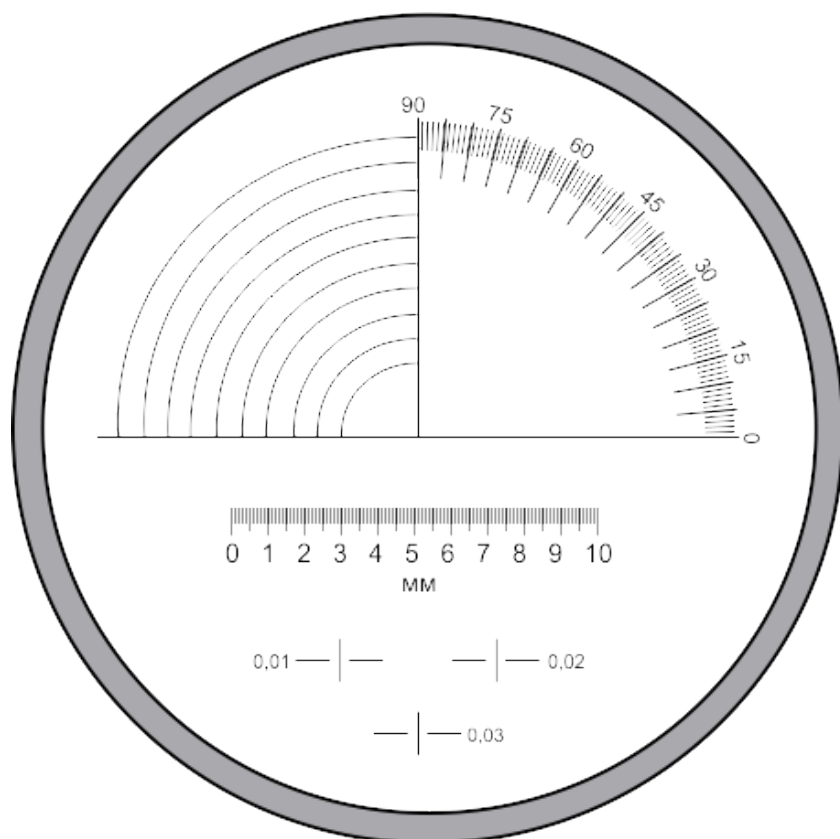
Dimensions (length×width×height), mm — 96×53×58

Weight (without power supply elements), kg, max — 0,15

Power supply elements:

- AAA type — 2 pieces

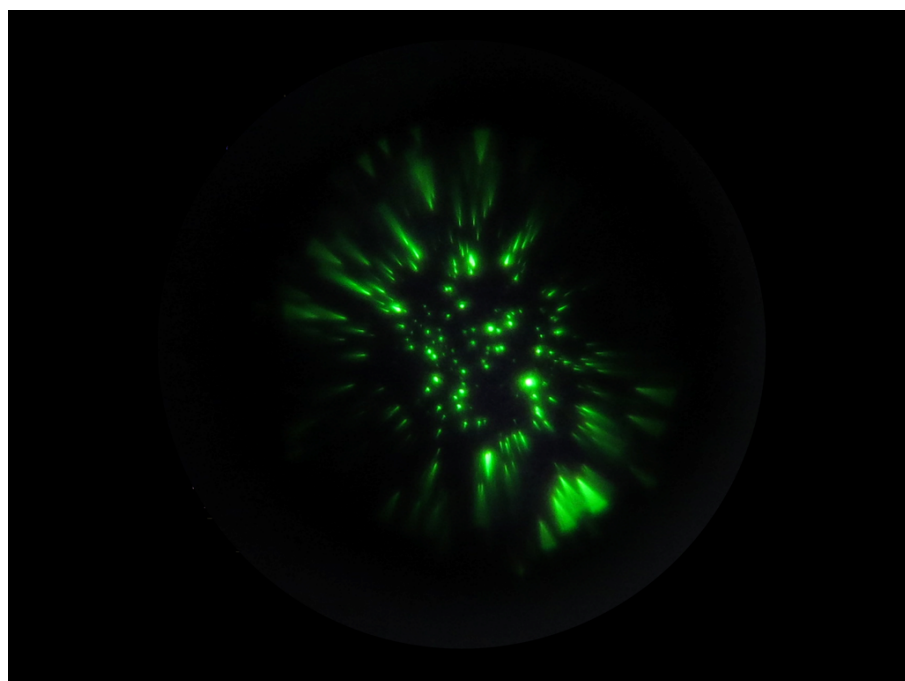
Measuring scale for **Regula 10XX.01**



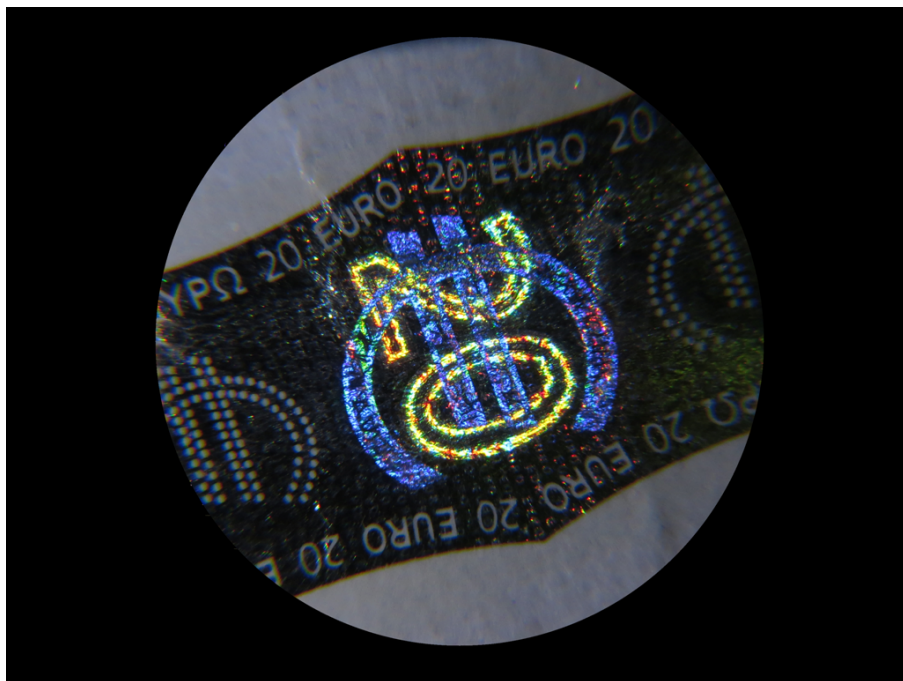
- Linear scale, mm — 0–10
- Linear scale division, mm — 0,1
- Angular scale — 0–90°
- Angular scale division — 1°
- Radial scale, mm — 1–10
- Radial scale division, mm — 1
- Reference lines width, mm — 0,1; 0,2; 0,3



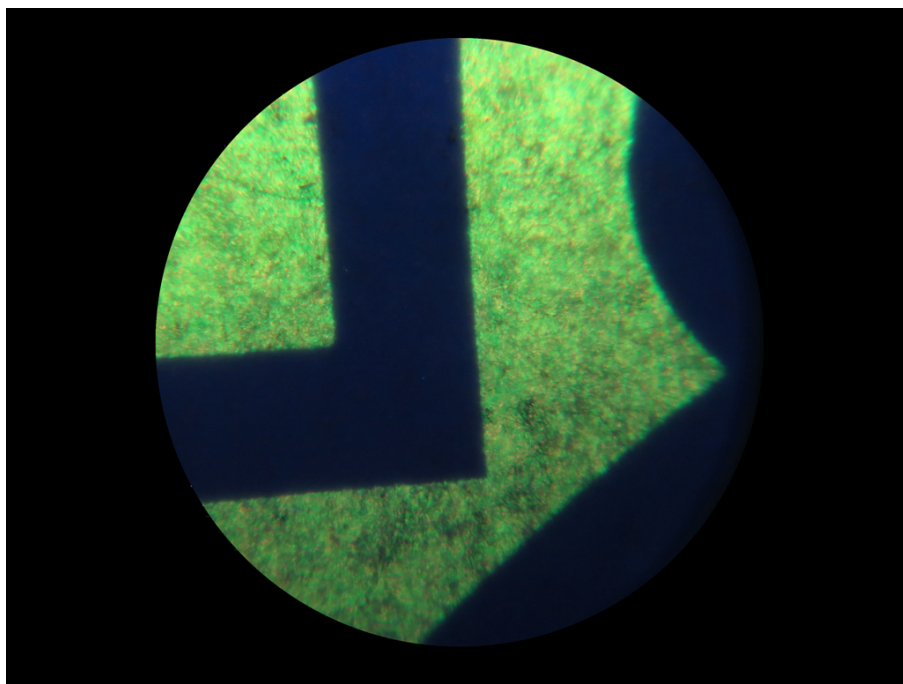
Regula 1025 on a banknote



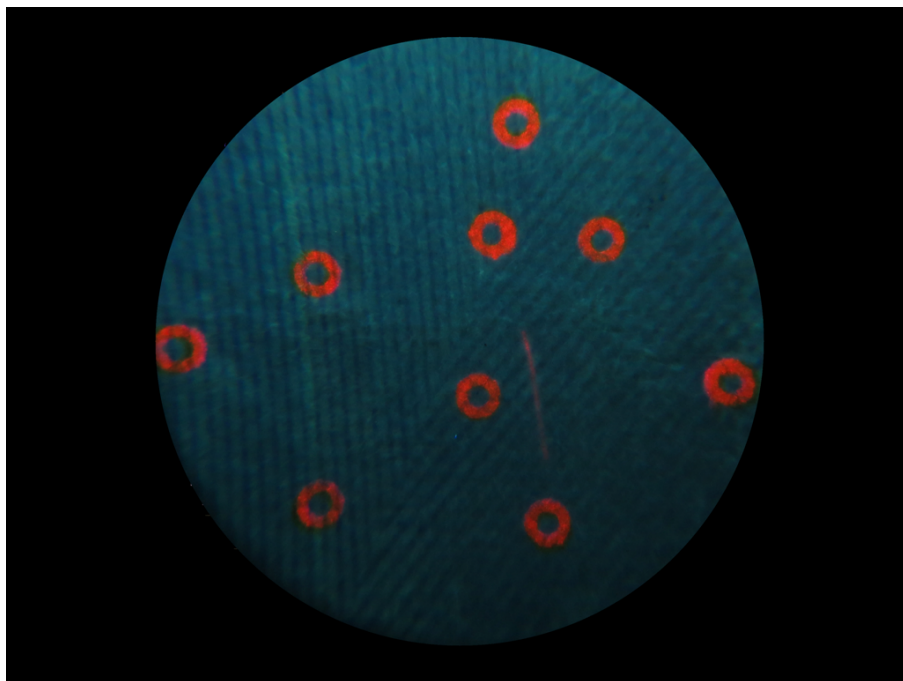
Anti-Stokes protection



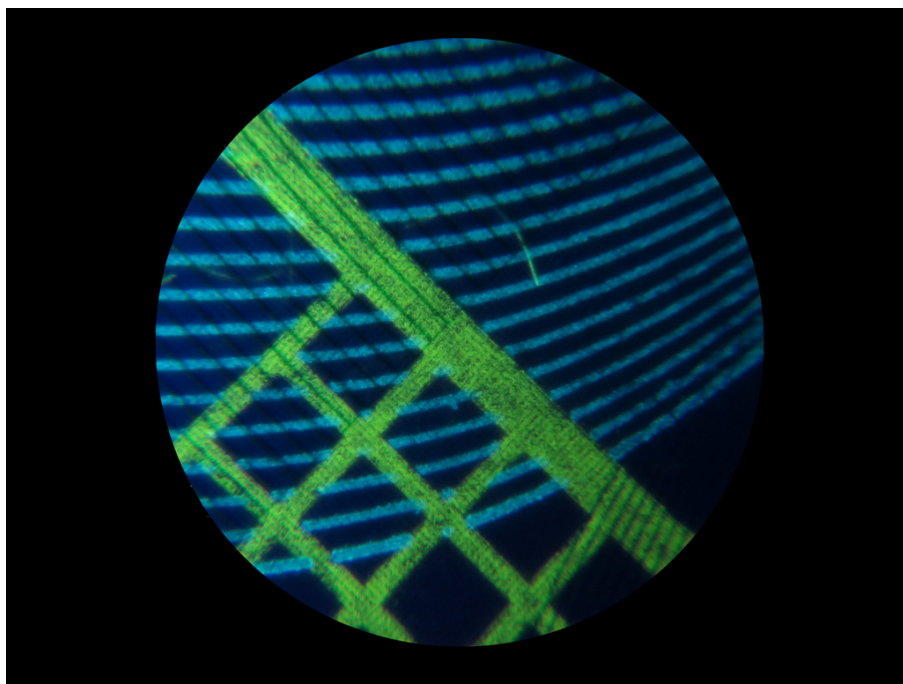
OVD visualization



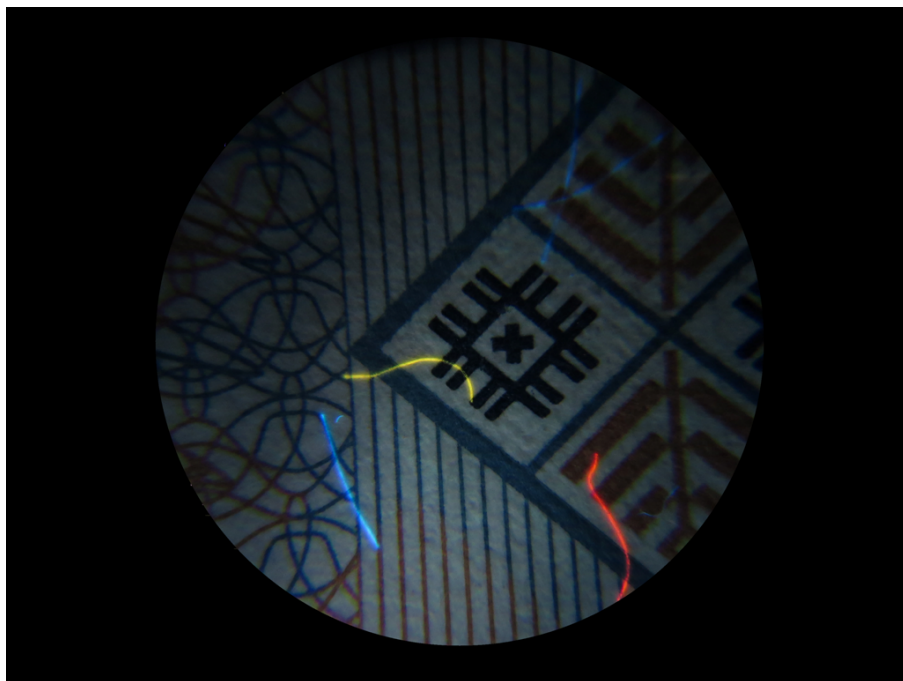
Examination in ultraviolet spectral range – 254 nm



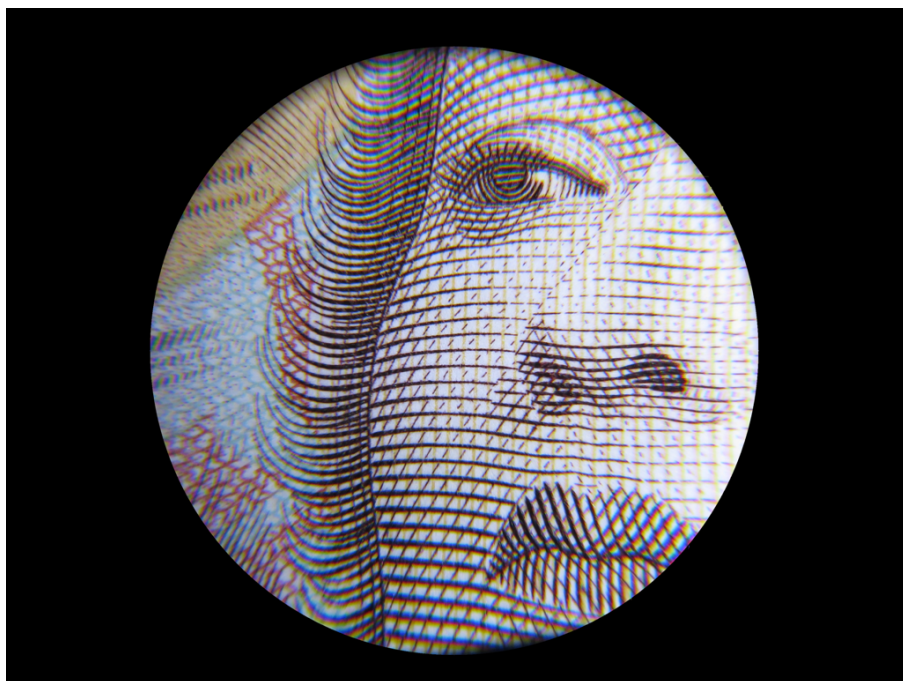
Examination in ultraviolet spectral range – 313 nm



Examination in ultraviolet spectral range – 365 nm



Examination in ultraviolet spectral range – 400 nm



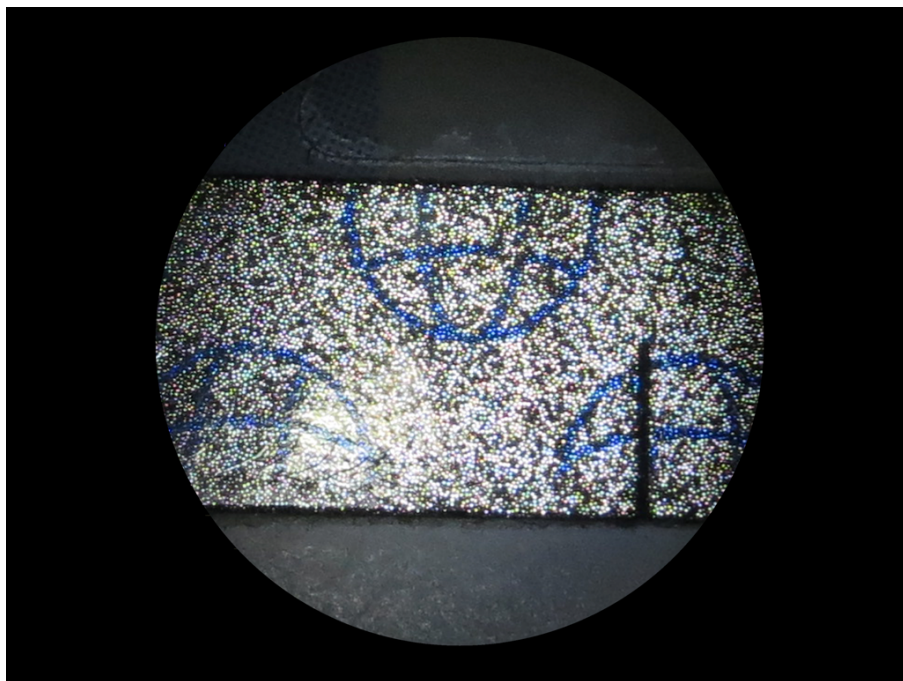
White top light



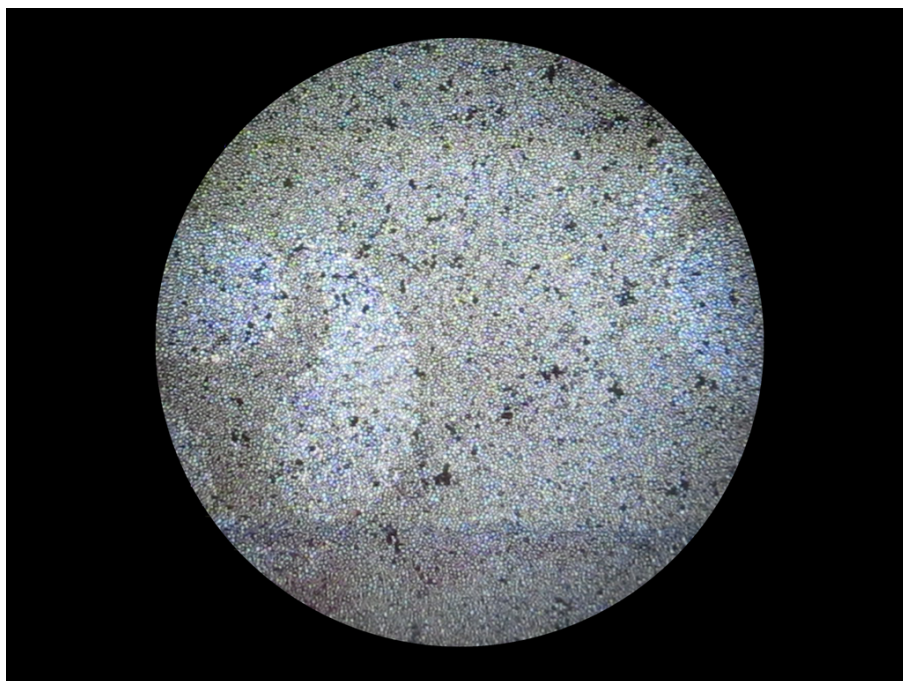
White oblique light



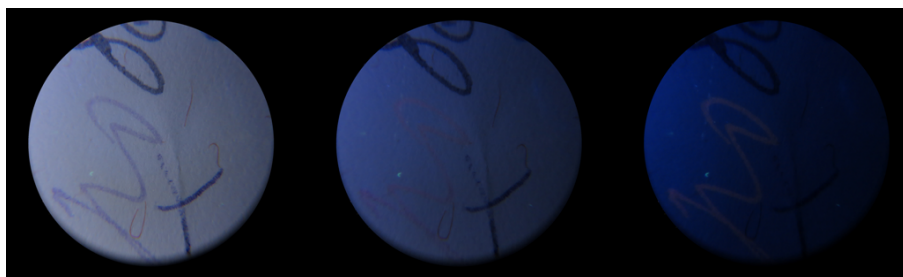
White oblique light



Retroreflective protection



Retroreflective protection



Interchangeable white/ultraviolet light