

UV light source	<ul style="list-style-type: none">- Mercury arc lamp with 120 W Lamp life time > 2,000 h Motorized shutter and intensity control
Green light source	<ul style="list-style-type: none">- Green LED (515 - 535 nm), 150 lm LED life time > 50,000 h Motorised intensity control Optional: other wavelengths available
Filter	<ul style="list-style-type: none">- Motorized filter change up to three positions: Pos 1: Shortpass 385 nm Pos 2: Shortpass 325 nm Optional: Pos 3: other wavelengths
Control	<ul style="list-style-type: none">- Control of UV/green light intensity, filter setting and shutter Manually Software control from PC over ethernet XtalLight 100C remote software runs on Linux, Windows, Mac
Light guides	<ul style="list-style-type: none">- Light guide for UV light 1.5 mm core diameter Length 1.5 m Optional: Customized length- Light guide for green light 1.5 mm core diameter Length 1.5 m Optional: Customized length
UV/green light optics	<ul style="list-style-type: none">- Focussing optics for directing UV/green light onto the sample Focal length 20 mm with built-in blocking filter
Hardware	<ul style="list-style-type: none">- Table-top case Portable unit 400 mm x 300 mm x 200 mm (LxWxH) Weight: approx. 12 kg Power consumption: 90-264 V, 200 W
Imaging package (optional)	<ul style="list-style-type: none">- Computer Mini PC attached to monitor Monitor 22 inch for full camera image display Operation system: Linux
Camera	<ul style="list-style-type: none">- Color CCD camera Camera for adaptation to a microscope 1600 x 1200 pixels
Software	<ul style="list-style-type: none">- Imaging SW Live display of camera image Control of camera settings for UV and coloured light Easy acquisition of UV images, green light images and combinations Storage and retrieval of images in a data base Short UV exposure times to protect crystals against damage
Positioning and protection	<ul style="list-style-type: none">- Manual Stage for positioning of optics Optional: Manual Stage for positioning of UV protection shield
Adaptable microscopes	<ul style="list-style-type: none">- Adaptable to several microscopes depending on working distance and set-up
Suitable plates and sealing films	<ul style="list-style-type: none">- Crystallization plates with low intrinsic fluorescence (low birefringence) and UV suitable sealing films