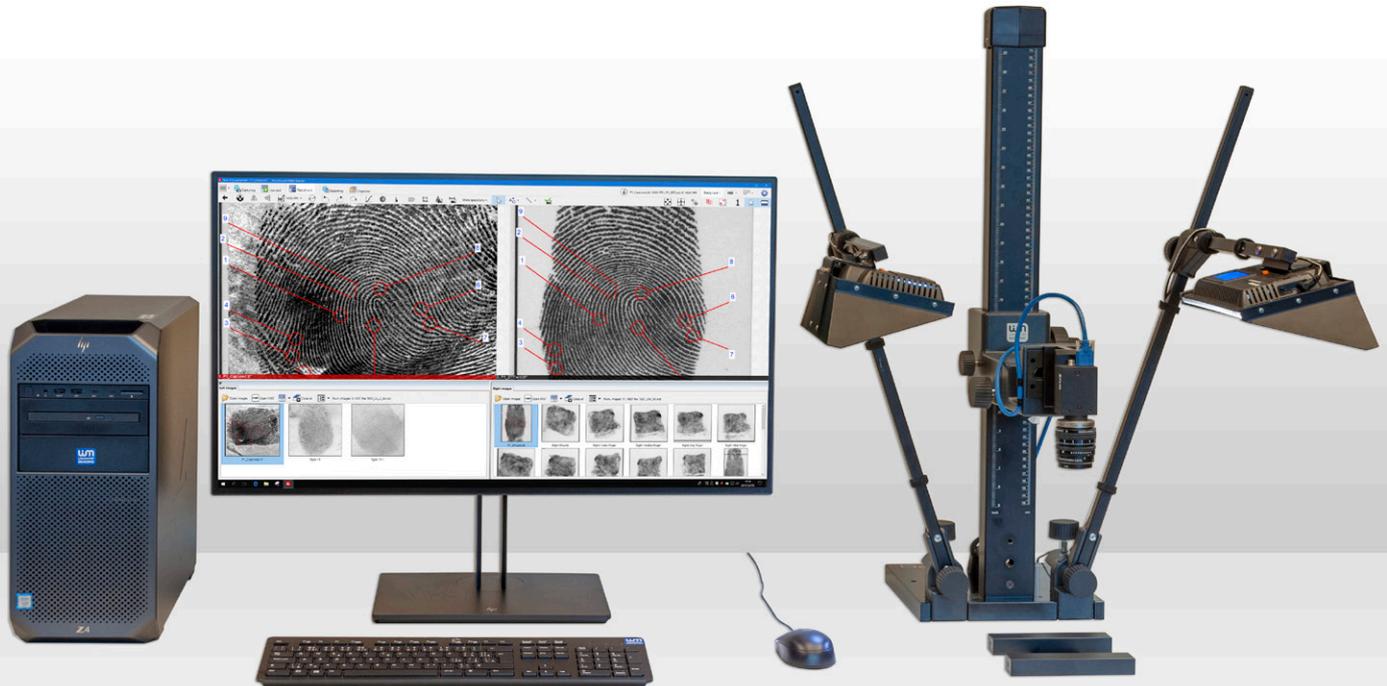




DactyScope

DIGITAL DACTYLOSCOPY COMPARATOR



The dactyloscopy workstation for fingerprint imaging, processing, and comparison is built on combination of USB 3 monochromatic CMOS camera with high quality Schneider Kreuznach macro lens with fixed focal length providing excellent image quality without aberrations in the resolution range 600 – 2000 PPI. This imaging unit is mounted on the column with adjustable position of the camera. Objective is focused manually. The object is illuminated with a pair of LED panels with adjustable light temperature. Image capturing, calibration, processing, annotation, measurements, and comparison are integrated into the LUCIA Forensic software. Software supports the newest PC hardware and software as Windows 10 operating system and 4k monitor. There are two alternative cameras available providing different field of view. The image quality and resolution range is the same. Two alternative stages are available – a stage with free working area and coarse and fine focusing and a stage with a baseboard with grid and coarse focusing only.

CAMERA RESOLUTION AND FIELD OF VIEW

	12.3 MP camera	
PPI	FOV x (mm)	FOV y (mm)
2000	52	38
1500	69	51
1000	103	76

MAX PPI	2690	38	28
MAX FOV	570	184	135

ILLUMINATION

One pair of LED panels with adjustable color temperature (3000 – 8000K) and power (up to 14 W each panel).

FREE WORKABLE VARIANT WITH PRECISE FOCUSING

- Freely working area – small heavy base fixing the column
- Coarse and also fine positioning of the camera distance from object – more comfortable and precise focusing

FINGERPRINT COMPARISON

