

METIS

HIGH QUALITY SCANNERS



DRS 2020 DCS - Cultural Heritage

Specifically designed for the Fine-Art, Professional Cartography and the main cultural heritage digital reproduction applications.

It integrates METIS cutting-edge technologies such as natural color capturing, 3D data calculation, glossiness and more.

METIS TECHNOLOGY



LIBRARIES

MUSEUMS

ARCHIVES

... and others

SPECIFICATIONS

METIS DRS 2020 DCS - Cultural Heritage

- **Scan Format:** 200 x 120 cm (78.74 x 47.24 in); Dimensions can be extended thanks to the proprietary Scan Merge tool which allows perfectly and automatically stitching different acquisitions
- **Maximum Thickness:** ~ 15 cm (5.90 in) at 200 x 120 cm (78.74 x 47.24 in) format; up to 50 cm (19.68 in) at smaller formats
- **New Camera:** allows extension of native optical resolution
- **Higher Optical Resolution:** up to 1600 PPI (software adjustable from 100 to 3200 PPI)
- **Image Sensor:** 16K CMOS, trilinear, High dynamic range, Low noise, High color fidelity
- **Image Processing:** 16bit per channel (48bit) independently from selected output format
- **Acquisition modes:** Scan, SuperScan, Direct SuperScan, DOF+ (various combinations are also possible)
- **Image Save formats:** Metis MDC, Standard TIFF (Color: 48 or 24bit; Grayscale: 16 or 8bit), JPEG and other formats are also available in normal scan mode
- **Auto-Focus:** Via the simple-to-use software, the lighting system and camera lens automatically adjust to the selected resolution and allow the easy compensation of originals' thickness
- **Patented Lighting System:** 4 light sources (Standard) or 8 light sources (Plus), with variable distance; thousands of different light schematics can be obtained through dimming and light distance setting (fully automated and software controlled)
- **Light Source Type:** High CRI LEDs, IR/UV free
- **High grade precision / reliable mechanics and optics**
- **METIS software:** all software runs natively at 64bit on Windows 10 or 11 64bit Professional edition
- **METIS Scan Director software:** Drives the METIS scanners, integrating all the tools and features needed to capture the highest quality data both simply and effectively. Included within Scan Director are the METIS Light Inspector and METIS Color Profiler software to provide a smooth and optimal workflow
- **METIS Light Inspector software:** Provides extensive features needed for the post-processing of a METIS scan, such as adjustment of the light and visual appearance, the generation of the 3D Depth, Glossiness, and Normal MAPs, to the automatic stitching tool
- **METIS Color Profiler software:** Automatically handles the color accuracy of the scanner with tools for calibration, profile creation and conversion, and the validation of color and ICC profiles. The software also fully supports ICC profiles from scan, on-screen visualization, to the exported data
- **Cultural Heritage tools:** unsharp masking, despeckle, paper color correction, light reflection tool, crop and multi-crop, automatic file naming, and much more
- **Perfect geometrical accuracy** (verified in all directions)
- **Very large depth of field** (user selectable)
- **Workflow:** optimized for a high real productivity including original positioning, scanning, image processing, saving on local storage or network, all in full respect of the originals
- **FADGI, Metamorfoze, ISO 19264-1 compliant**
- **Holding Table:** (~) 250 x 140 cm (98.43 x 55.12 in), can hold up to 200 Kg (440.92 lbs); integrated pressure sensors
- **METIS Vacuum Table:** optional
- **Scanner sizes:** (~) 295 cm (116.14 in) length, 243 cm (95.67 in) width, 238 cm (93.7 in) height

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