METIS

HIGH QUALITY SCANNERS
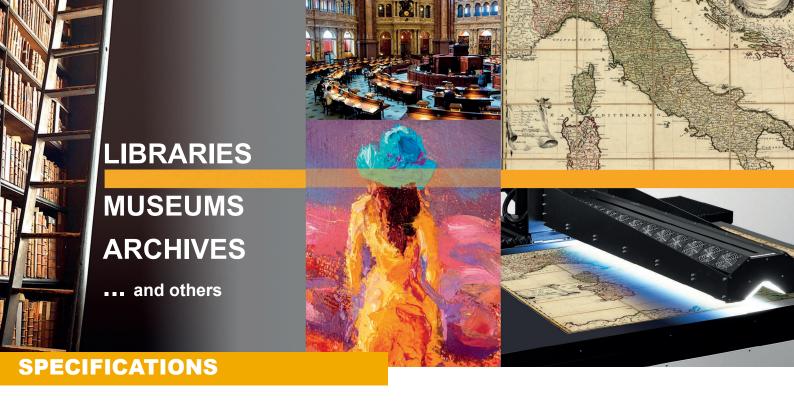
METIS DRS 2020 DCS

DRS 2020 DCS - Cultural Heritage

Specially 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:** ~ 20 cm (7.87 in) at 200 x 120 cm (78.7 x 47.24 in) format; up to 50 cm (19.68 in) at smaller formats *

- **New Camera:** allows extension of native optical resolution

- **Optical Resolution:** up to 1200 PPI (software adjustable from 200 to 2400 PPI)

- **Image Sensor:** 16K CMOS, trilinear, High Dynamic Range, low noise, high color fidelity

- **Image Processing:** 16bit per channel (3x16bit) 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 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

- **Very large depth of field** (user selectable)

- **High grade precision / reliable mechanics and optics**

- **METIS software:** all software run natively at 64bit on Windows 10 64bit Professional edition

- **METIS Scan Director software:** integrates all tools required for simply and effectively driving the scanner allowing to always capture optimal data; it also directly integrates METIS Light Inspector and METIS Color Profiler software providing a very smooth workflow

- **METIS Light Inspector software:** directly integrated in the scanning software, it provides extended features as light and visual appearance post-processing, 3D Depth Map generation, Glossiness Map, Normal Map, Automatic Stitching tools and much more

- **METIS Color Profiler software:** it perfectly and automatically handles scanner color accuracy with many extensive tools for calibrating, profiling, converting, validating colors and ICC profiles; it provides full ICC support from scan to visualization and from visualization to 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)

- **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

- **Holding Table:** ~ 250 x 140 cm (98.43 x 55.12 inches), 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, 245 cm (96.46 in) height *

- **FADGI, Metamorfoze, ISO 19264-1 compliant**

(*) *Measurements are rounded up*

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