METIS

HIGH QUALITY SCANNERS



DRS 1320 DCS - Cultural Heritage

Designed specifically for museums, libraries, archives, digitization service providers and the main cultural heritage digital reproduction applications.

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

METIS TECHNOLOGY

CGS ORIS



SPECIFICATIONS

METIS DRS 1320 DCS - Cultural Heritage

- **Maximum Scan Format:** 91 x 130 cm (35.83 x 51.2 in) *
- **Maximum Thickness:** for originals up to 50 cm (19.7 in) thick *
- **New Camera:** allows extension of native optical resolution
- **Higher Optical Resolution: 450 PPI (full format) up to 900 PPI (at 46 x 130 cm format)**; software adjustable from 100 to 1800 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
- **Focusing:** User selectable resolution levels with fine software adjustable focus
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- **Patented Lighting System:** 4 light sources with variable intensity; 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)
- **Automatic Book Cradle:** with a removable glass and fine pressure adjustment (fully adjustable and user customizable). The automatic book cradle accepts books as well as drawings, maps and even originals with three-dimensional reliefs
- **METIS software:** all software runs natively at 64bit on Windows 10 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)
- **High grade precision/reliable mechanics and optics**
- **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. The completely automatic workflow allows operating the system directly from the front through the foot pedals commands
- **Scanner sizes:** ~ 205 cm (80.7 in) length, 160 cm (63 in) width, 240 cm (94.48 in) height *
- **FADGI, Metamorfoze, ISO 19264-1 compliant**

(*) *Measurements are rounded up*

Product specifications or appearance may change without prior notice - v.2021-06-EN

CGS ORIS AMERICAS
100 N 6th St. Suite 242A
Minneapolis, MN 55403
Tel. +1 (612) 870.0061
Fax +1 (612) 870.0063
E-mail: info@cgsoris.com
WEB: **www.cgsoris.com**

