LABORATORY – CNR ISPC

NAME OF THE INSTRUMENT:

Large Format Scanner

GENERAL DESCRIPTION:

The large format scanner of MOLAB is equipped with a wide recovery plane and allows the professional digitization of thick and large-format paper documents (and not only), i.e., cartographies, maps, drawings, tables etc. The presence of special transport rollers, which act as soft pressure points, allows documents to slide safely. Acquisition is in colour, b/w and grey tones with high optical resolution, colour accuracy and excellent speed in elaboration. CIS (Contact Image Sensor) scanning technology allows sharp and clear reproduction of details and lines. Output files are managed by a small touchscreen controller for quick post-production processing and can be archived directly to FTP servers, hot folders, USB drives, Internet clouds.

TECHNICAL DESCRIPTION:

• model name: Scanner HP SD Pro 44
• maximum scan width: 1118 mm
• maximum scan size: 915 mm
• types of media: non-abrasive paper, sepia, blueprints, plastic film, plastic laminate, polystyrene panels, cardboard, newspaper
• scan resolution: 1200 dpi
• scanning speed: colour = 15 m/min at 200 dpi; grayscale = 22.9 m/min at 200dpi
• scan technology: CIS (Contact Image Sensor)
• scan accuracy: 0.1% ± 1 pixel
• data acquisition: (colour/greyscale) 48 bit/16 bit
• scan format: PDF, PDF/A, TIFF, JPG, JPG2000, DWF, PDF multi-pages
• PC: large touchscreen - 396 mm (15.6"); Windows 10; Intel Core i7; Memory - 4GB; 500GB hard drive

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