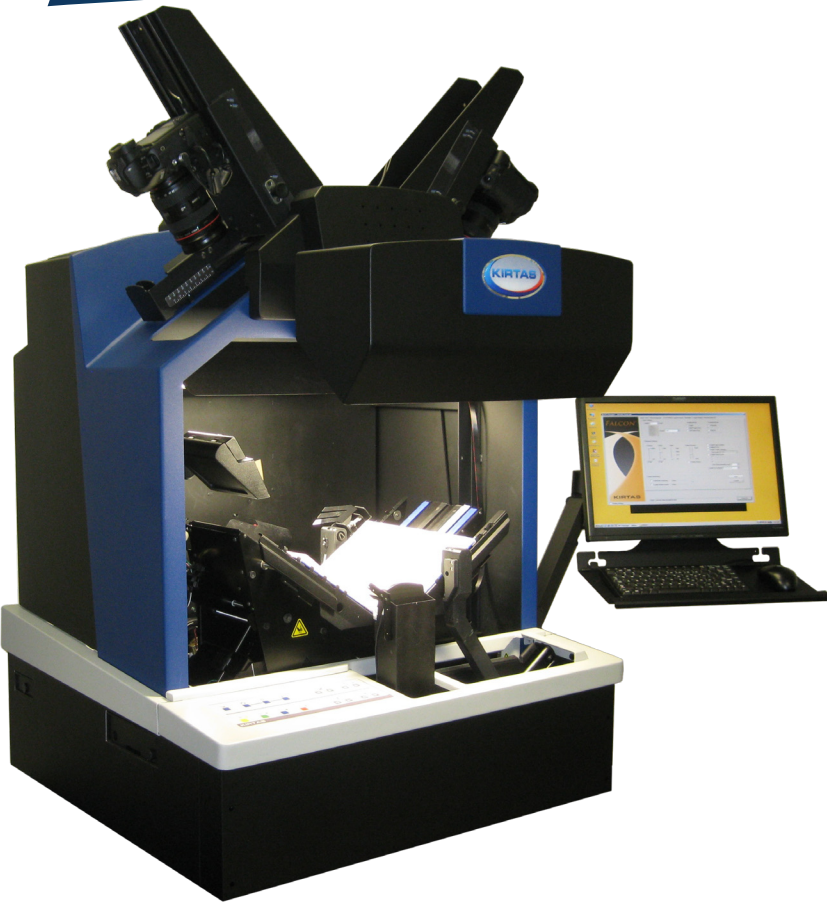


KABIS III



Quality Automated Book Digitization

Quality results are the primary objective of any book digitization project. Quality includes superior images, high accuracy OCR, comprehensive metadata, and complete book integrity. And achieving this will allow you to use the book images to their fullest capability both now and for future undefined needs. Do it once so they last forever! The new KABIS III system continues the Kirtas tradition by providing the SmartCradle with new automatic book centering that increases post-processing productivity. The 110 degree position is optimal for low stress, gentle book positioning and is ideal for fragile and rare books. Air flows and the Enhanced Page Separator combine to separate pages, and the newest SureTurn robotic arm with its vacuum head will gently lift and turn the page. Within the vacuum head is our Page Edge Sensor technology to detect multi-page or no-page lift conditions and automatically take programmable corrective action. The result is full book content integrity and quality. The newest KABIS Manager software provides a simple user interface to let you start digitizing quickly. And downloading MARC or Dublin Core bibliographic information to include with the book metadata, is simple and easy from OCLC or your own database.

The Kirtas Difference

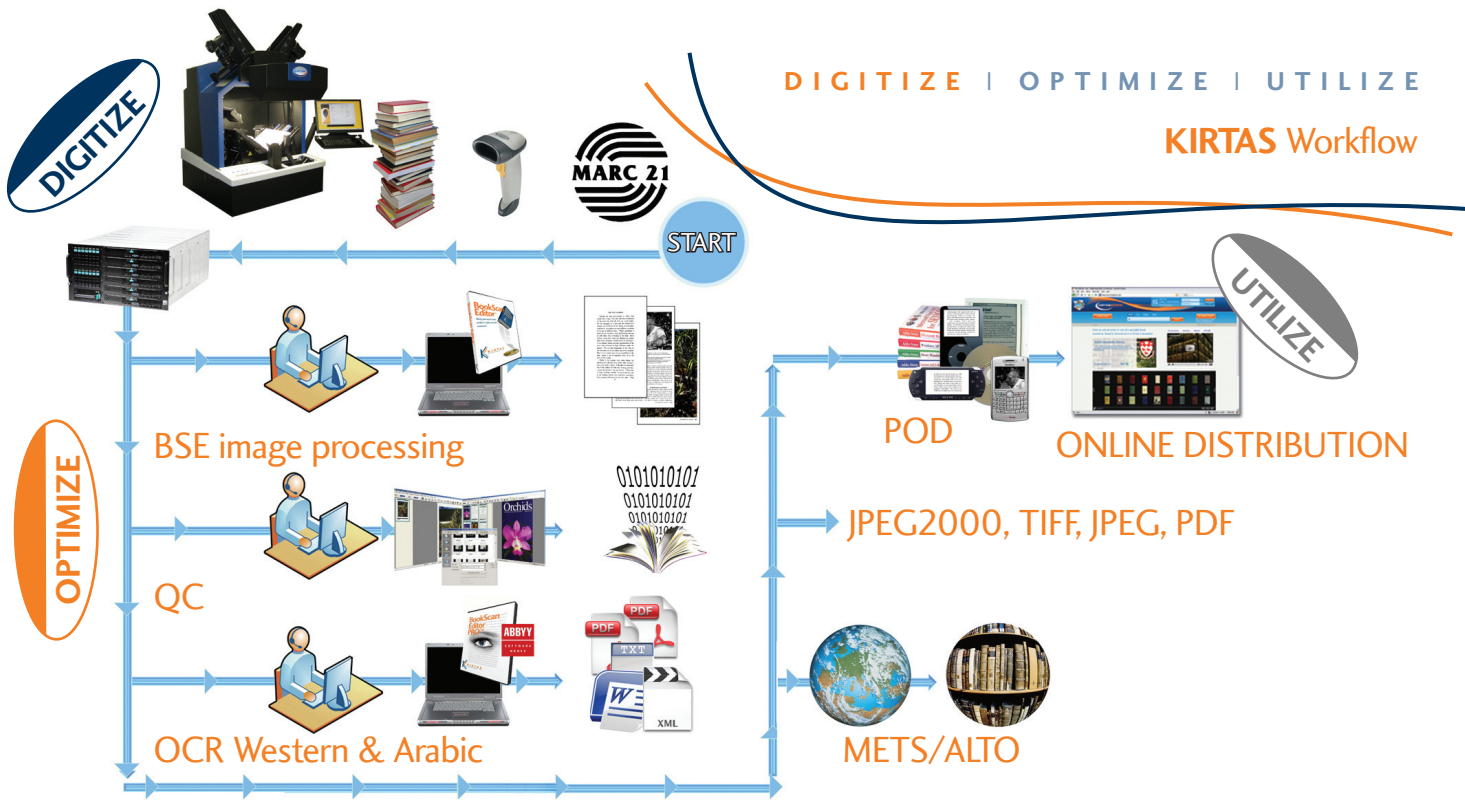
The page images are captured using the latest Canon 21 MP cameras in full 24 bit color in a fraction of a second; one for left-side pages and one for right-side pages. The images can be captured at 325 or 400 dpi resolution with superior sharpness and excellent color fidelity.

The BookScan Editor software includes more automated features for faster, accurate image processing with minimal intervention. When coupled with the OCR processing software, automated "image tagging" is possible creating valuable book structural metadata.

KEY FEATURES

- Quality, high-speed (2,890 pages per hour) capture
- Patented SmartCradle™ dynamic book handler
- Low-stress support for rare, fragile documents
- Robotics that are gentler than the human hand
- SureTurn™ robotic arm uses vacuum system to gently pick up and turn one page at a time
- APT Manager retrieves available metadata and creates MARC records, DublinCore, and MODS files
- Metadata integrated into the production process ensures seamless workflow and inventory control
- High performance, Kirtas Image Server





SPECIFICATIONS: KABIS III

Performance

Cycle Speed Up to 2,890 images per hour
Tone 24-bit Color, 8-bit Grayscale, 1-bit B/W

Technical

Capture 21.1 megapixel Canon camera
 325, 400, 500 or 600 ppi
 (book size dependent)

Page Size 4.5" x 7" min. (11.5 x 17.8 cm)
 11" x 14" max. (28.0 x 35.6 cm)

Paper 13–80 lb (49–300 gsm)

Binding Up to 4" (10 cm)

Dimensions 33" x 31" x 54" (W x D x H)
 84 x 79 x 138 cm

Accuracy Page Edge Sensor, Enhanced Page Separator

Weight 160 lbs (73 kg) approx. + 100 lbs (46 kg) table

Power Standard 110–240 VAC, 50/60 Hz
 15 Amp Receptacle

Certification AN/NZS, CE, CSA, EN, FCC, IEC, RoHS, UL

Output

JPEG, CR2; TIFF, JPEG2000, image only PDF
 and PDF/A with BSE Processing

OCR Output

Searchable PDF, PDF/A, XML, Word, TXT

Workstation

- Kirtas Image Server
- Two Quad Core 2.33 GHz Intel Xeon processors
- 8 GB DDR2 ECC SDRAM
- Four Hitachi 1 TB hard drives (RAID 0, 1, 5, or 10 for storage)
- Windows SERVER 64-bit
- 19" flat screen monitor
- Two PC camera controllers
- KABIS Manager software
- BookScan Editor Multi-user license Server Edition software
- Barcode scanner
- Small book extension kit
- Height-adjustable, ergonomic table
- Monitor arm mount
- Foot pedal
- BookScan Editor™ Pro Upgrade License OCR
- Arabic (OCR)

Included

Optional

Kirtas Technologies, Inc. reserves the right to make changes to specifications of products described in this product sheet at any time without notice and without obligation to notify any person of such changes.

