

APT BOOKSCAN 1212

Kirtas Technologies is the leader in quality, high-speed, nondestructive mass book digitization. Our patented robotic digitization systems, innovative processing software, high-accuracy OCR, and unique archiving technology enable us to provide multiple output options that stand the test of time.

Superior Image Quality

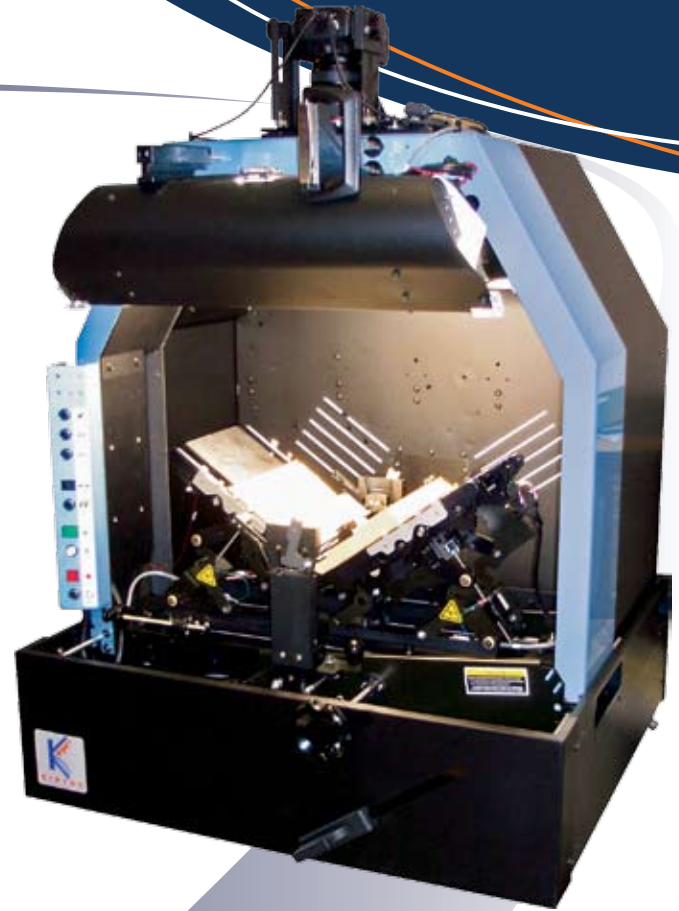
Kirtas APT BookScan 1212 incorporates a 12.8 megapixel Canon EOS 5D digital camera to photograph each right and left page sequentially through a Canon EF 24-105mm Zoom lens. Resolution can be set to 300 pixels per inch with the ability to interpolate to 600 dpi through BookScan Editor™ software.

Robotics Gentler Than the Human Hand

The patented SmartCradle™ Dynamic Book Handler holds the book open at exactly 110 degrees throughout the process, providing low-stress support for rare and fragile books. Meanwhile, the SureTurn™ robotic arm reduces the need for manipulating pages by hand. The computer-controlled arm uses an adjustable vacuum system in tandem with page fluffers to gently pick up and turn one page at a time.

Leveraging Metadata

Kirtas is the only solution that integrates metadata into the production process to ensure seamless workflow and inventory control. Easy-to-use APT Manager software coordinates the entire process from adjusting machine settings to managing metadata. Once a book's barcode is scanned, APT Manager retrieves available metadata, including MARC records, DublinCore, and MODS files.



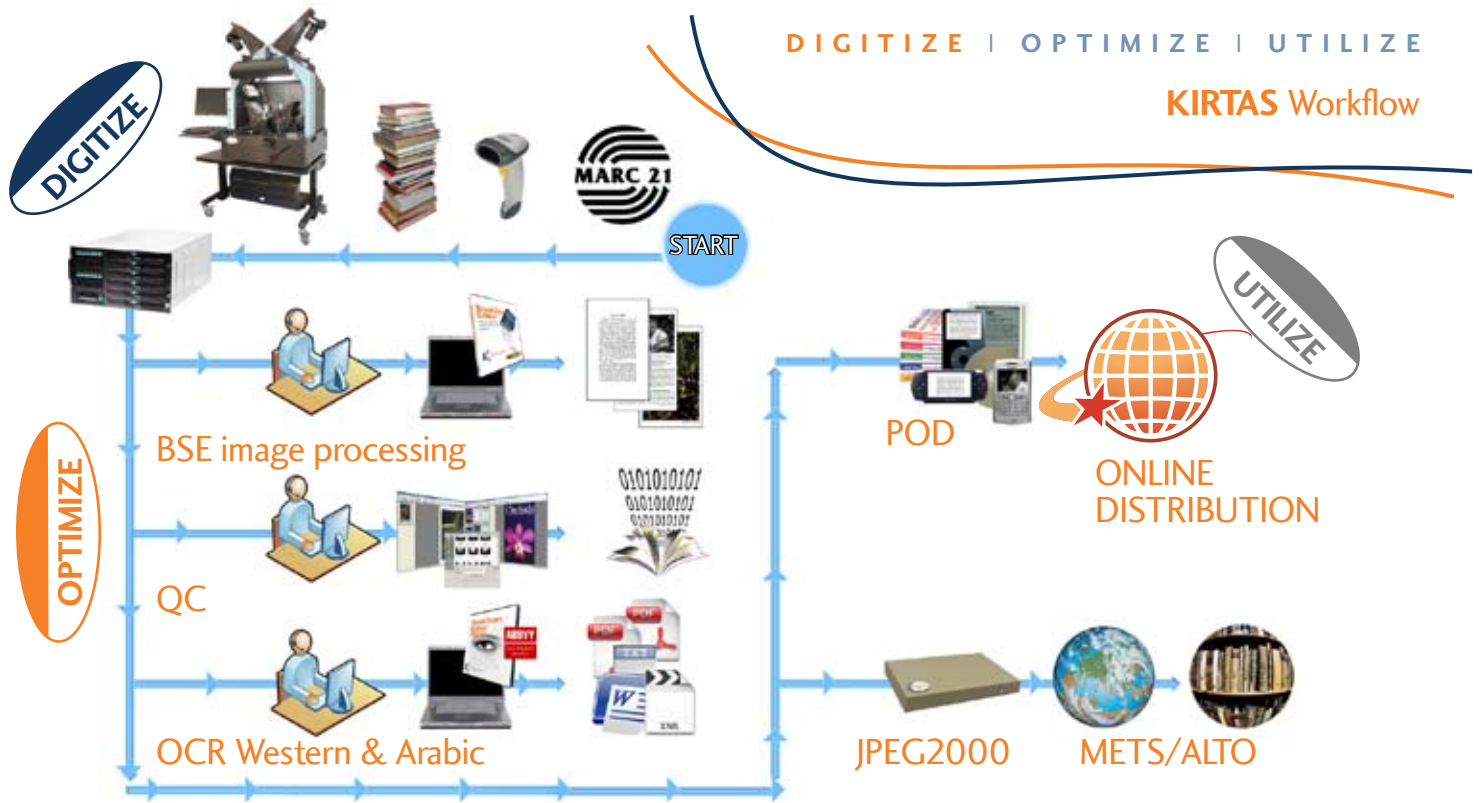
KEY FEATURES

- Quality, high-speed (1,200 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
- Metadata integrated into the production process ensures seamless workflow and inventory control
- BookScan Editor™ image processing software



K I R T A S
Technologies, Inc

Moving Knowledge from Books to Bytes



SPECIFICATIONS: APT BOOKSCAN 1212

Performance

Cycle Speed Up to 1200 images per hour
Tone 24-bit Color, 8-bit Grayscale, 1-bit B/W

Format JPEG, TIFF, RAW (PDF & JPEG2000 optional)
OCR Format Searchable PDF, XML, Word, TXT

Technical

Capture 12.8 megapixel Canon EOS 5D digital camera
 24-bit RGB (4,368 x 2,912 pixels)
 300 ppi, 600 ppi (interpolated)

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 48" (W x D x H)
 84 x 79 x 122 cm

Weight 160 lbs (73 kg) approx.

Power Standard 120-240 VAC, 50/60 Hz
 15 Amp Receptacle

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

Workstation

- Minimum Dual Core 2.6 GHz workstation
- 2 GB RAM
- 250 GB hard drive
- Windows XP Professional operating system
- 17" flat panel monitor

Included

- APT Manager software
- BookScan Editor™ software

Optional

- BookScan Editor™ Pro (OCR)
- BookScan Editor™ Arabic (OCR)
- Small book extension kit
- Barcode scanner
- Height-adjustable, ergonomic table
- Side table w/monitor mount

