

Book Scanners at the Columbus Metropolitan Library



AARON M. O'DONOVAN
DIGITIZATION LIBRARIAN
COLUMBUS METROPOLITAN LIBRARY
AODONOVAN@COLUMBUSLIBRARY.ORG

Plustek OpticBook A300



Specs



- **Scanning Area: 12" x 17" A3**
- **True dpi: 600 x 1200 dpi at A3 size**
- **Scan Speed: 2.48 sec (Color mode, 300dpi, A3)**
- **Special book-edge design to not damage books**
- **Plustek's patent pending SEE™ (Shadow Elimination Element) Technology integrates mechanical, optical, and software technologies to provide clear images within 2mm of the book spine.**

Pros and Cons



- **Pros:**
- Fast- Also has buttons on the scanner itself
- Light- Easy to transport for scanning offsite
- Lid can be removed
- Inexpensive at \$1,800 including bonus software ABBYY FineReader Sprint and Presto PageManager 9
- **Cons:**
- Not a super detailed scan, but works fine for books
- Not a true cradle book scanner
- Scans one page at a time
- Software buggy with our network when scans are saved

Atiz BookDrive Pro



Specs



- **Scanning Area: 16.53” x 23.39” A2**
- **Dpi with 18 MP Camera: 209 dpi at A2, 418 dpi at A4**
- **Scan Speed: About 5 seconds per page**
- **LED Light System**
- **V Cradle and Platen**
- **Capture software and editing software**

Pros and Cons



- **Pros:**

- Fast
- Gentle on books
- Interchangeable cameras, no long term maintenance costs
- Less expensive (\$17,500) than traditional book scanners

- **Cons:**

- Fans cause some noise
- Lights can get in your eyes
- RAW capture could be improved, No TIFF capture, but images can be exported to TIFF
- USB sometimes have trouble communicating with computer

Atiz BookDrive Mark 2



Specs



- Scanning Area: Slightly larger than 17" x 24" A2
- Dpi with 18 MP camera: 209 dpi at A2, 418 dpi A4
- Scan Speed: About 5 Seconds per page
- Silent LED Light System
- Adjustable V Cradle
- Scratch resistant and glare free platen
- Capture and editing software

Pros and Cons



- **Pros:**
- **Fast**
- **More gentle on books than most scanners**
- **Interchangeable cameras, no long term maintenance**
- **Ergonomic: Lighting is better, no glare, quiet scanning**
- **Flatter images, better gutter coverage**
- **Cons:**
- **New software is buggy, reverted to old software**
- **System would be faster if they fixed the issues**
- **USB sometimes has connection issues**

Cruse Synchron Table 220



Specs



- **Scanning Area: 47.2" x 70.8" A00 (2A0)**
- **Dpi: 300 dpi at A00 (2A0), 900 dpi at A2**
- **Scan Speed: Varies based on dpi and size**
- **Moving and tilting LED light system**
- **Moving Magnetic plate**
- **Marks on plate to center item**

Pros and Cons



- **Pros**
- **High quality scanner for oversized books, & large bound maps and atlases**
- **Moving plate produces better images**
- **Can scan flat items, three dimensional items, books**
- **Cons**
- **Slow**
- **Very expensive**
- **We do not have the integrated book cradle, but it is an option**

Questions or Comments

