

Semi-Automatic V shape Book Scanner



 **SWISS MADE**

Introduction :

- **semi-automatic** glass, book holder and scanner
- **operator turns pages and manipulates the book**, not the scanner
- **scanning all exceptions** in a book : lose sheets, inserts, fold-outs, covers ...

Semi-Automatic

- model PRO is up to **A3++ page format** (315 x 540 mm)
- model JUMBO is up to **A2+ page format** (440 x 640 mm)
- **glass junction limited to 2mm**, captures text close to the binding

Large Page Formats

- **V shape book holder** and **V shape glass** are **120°**
- **no reflections** on glossy documents, dark documents or photos
- suitable for **old and sensitive books**

Old and Recent Books

- two cameras offer high image quality up to **800 dpi optical**
- pages presented under **the glass, removes page curvature**
- **LED lights** 6000 °K, no variation over time

Constant Image Quality

- glass moves **automatically up and down**
- **adjustable pressure** of V shape glass to flatten wavy documents
- book holder moves **automatically up and down to fit book thickness**

Auto Glass + Book Holder

- **max speed up to 1'500** pages per hour / 25 pages per minute
- **average productivity 5'000** pages per working shift (300, 400 dpi)
- one scanVpage is comparable to **2x manual scanners with 2x operators**
(maximum productivity is reached for books in good condition, depends on camera model)

High Speed 2x

Automatic mode :

Highest Automation

- automatic **glass opening after scan is finished**
- automatic **glass closing on foot switch, then scanning** exposed document
- automatic **book centering**, preserves relaxed back of the book
- automatic **book loading and measuring of book thickness** (user has just to put the book inside)
- automatic **page flattening** under the glass can be : with selected pressure or without pressure
- automatic **RGB camera calibration** with 24 patch target, for building ICC profile
- automatic **light correction** for regular intensity of light over the whole scanning surface

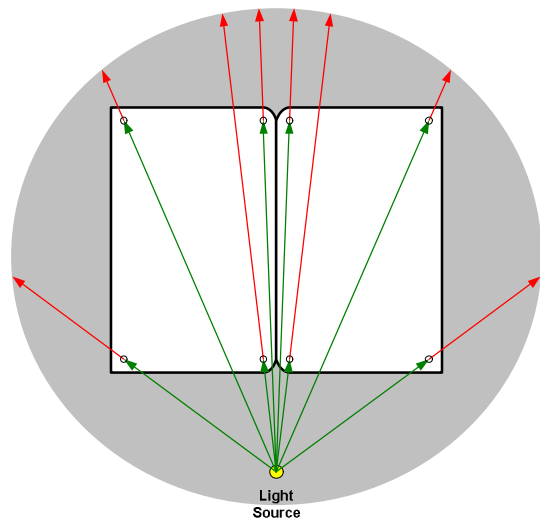
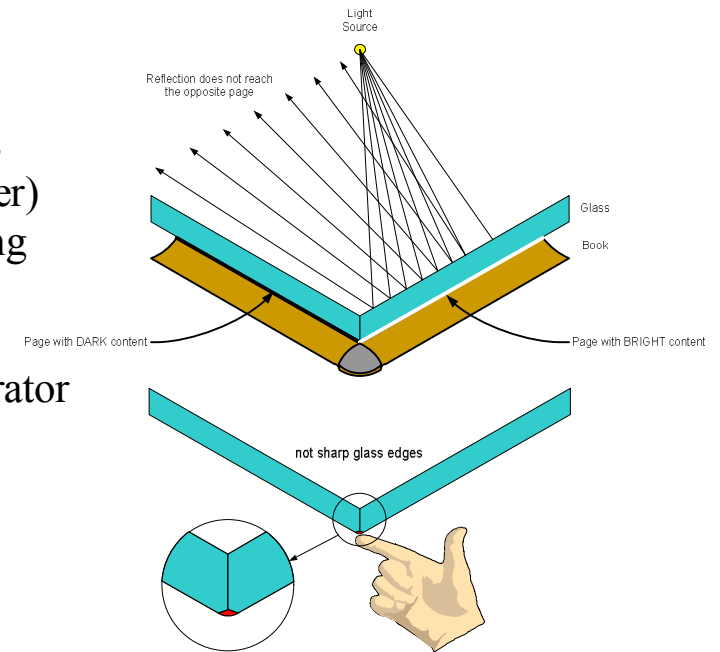
Automatic safety :

Highest Operator Safety

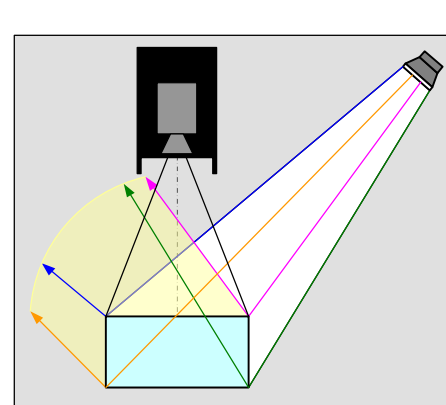
- checking for **efforts on the glass** during its movement - automatic stop
- checking for **book collision** to avoid forcing on the book - automatic stop
- checking for **presence of hand** holding the book - automatic stop
- checking for **correct pressure** during page flattening

Exclusive Features :

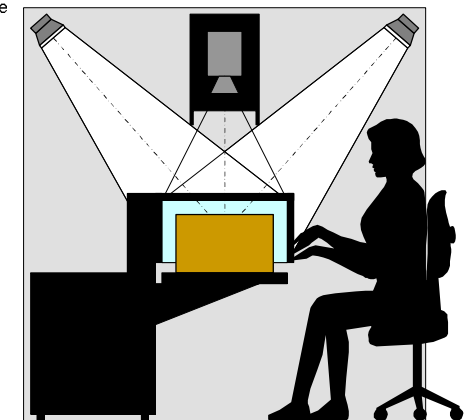
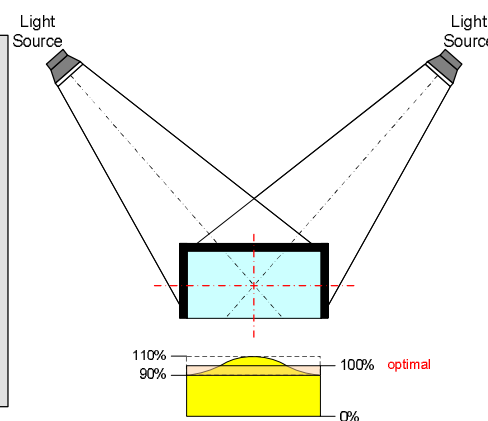
- **no reflections between opposite pages**, preserves dark and bright colors
- **dead angle inside the binding** is only 2 mm wide (less than one character)
- **light balance** equalizes light over page surface, no shadows in the binding
- **glass pressure on the book** is scalable from 0 to 20 kg
- **no glare on images** also with very glossy documents
- **soft touch glass junction** is not sharp and cannot harm the book or operator
- **safe effortless glass motion** in manual mode
- **light sources are not visible to operator**
- light cannot reflect to the cameras, insures **no glare on glossy paper**
- operator may **move the glass effortlessly** in manual mode
- operator may **scan with glass or without glass** (Canon cameras only)

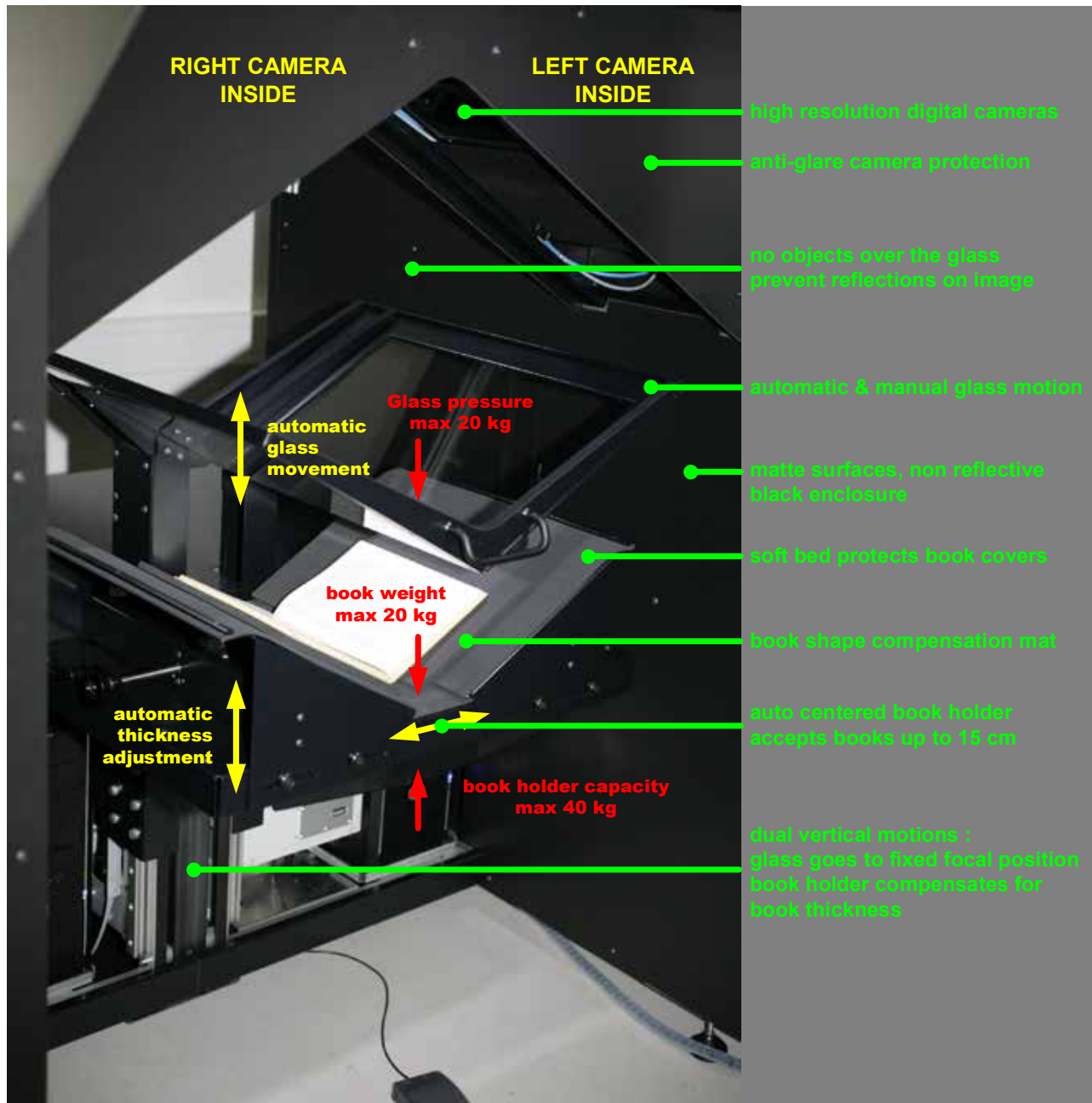


LED multiple light source
day light color 6500 °K



Reflection angle does not reach the camera





Documents accepted :

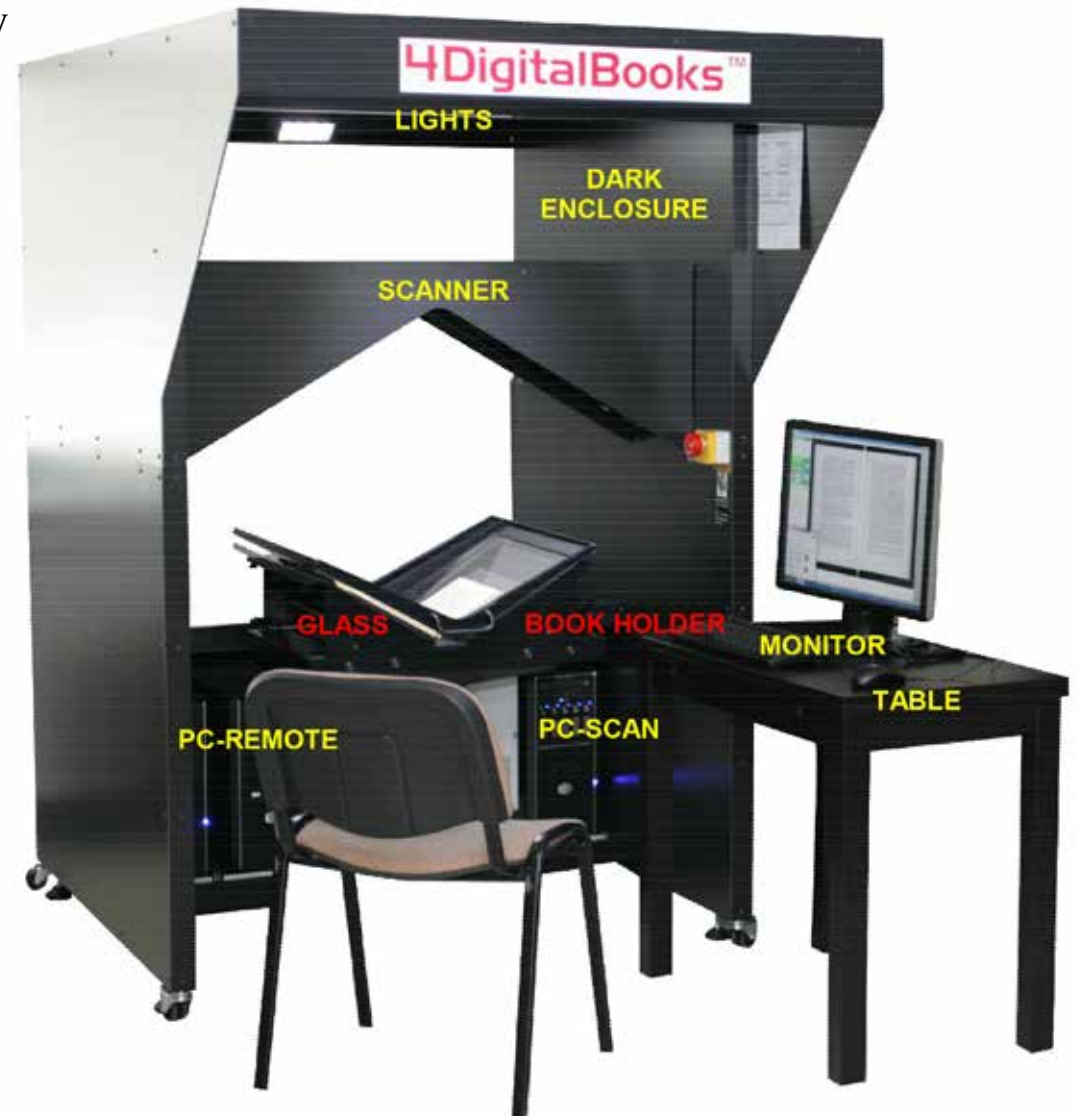
- document types : books, magazines, bound newspapers, registers
- unusual documents : photo and stamp albums, notebooks, manuscripts
- challenging books : smaller books that **close spontaneously**
books with **rigid bindings**
- precious books : **no friction** on pages
no local forces holding the cover or the pages
relaxed book loading with set of foam fittings
- book weight : max. **20 kg**
- book thickness : max. **150 mm**
- book covers : soft, rigid, embossed, with metallic inserts
- page size : model PRO : up to **A3+ (297 x 420 mm)**
model JUMBO : up to **A2+ (440 x 640 mm)**
- opening angle of pages : **120°**
- paper weight : no limits
- wavy pages or covers : no limits - regular or wavy



Delivery includes :

- enclosure with scanner, 2 cameras and LED lights
- automatic glass and book holder with main body
- PC-Scan computer with i7 CPU, 8 GB RAM
- 24" monitor, keyboard, mouse, foot switch
- 2 TB ultra fast local storage in RAID
- scanning software CopiNet or EOSNet
- operating system Windows 7 PRO
- PC-Remote computer camera server
- robust table

Complete Ready to Use



Scanner options :

2 i2S cameras	140	Mega Pixels	800 dpi
2 i2S cameras	60	Mega Pixels	600 dpi
2 Canon cameras	50	Mega Pixels	400 dpi *

(* optional 600 dpi available on max A4 page format, with a set of optional lenses)

Maintenance :

- **no consumables**
- **duty cycle** : 24 hours per day, 7 days per week
- **recommended maintenance** : 1 per year
- **full remote control capability** for technical support and diagnosis, user assistance and training



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