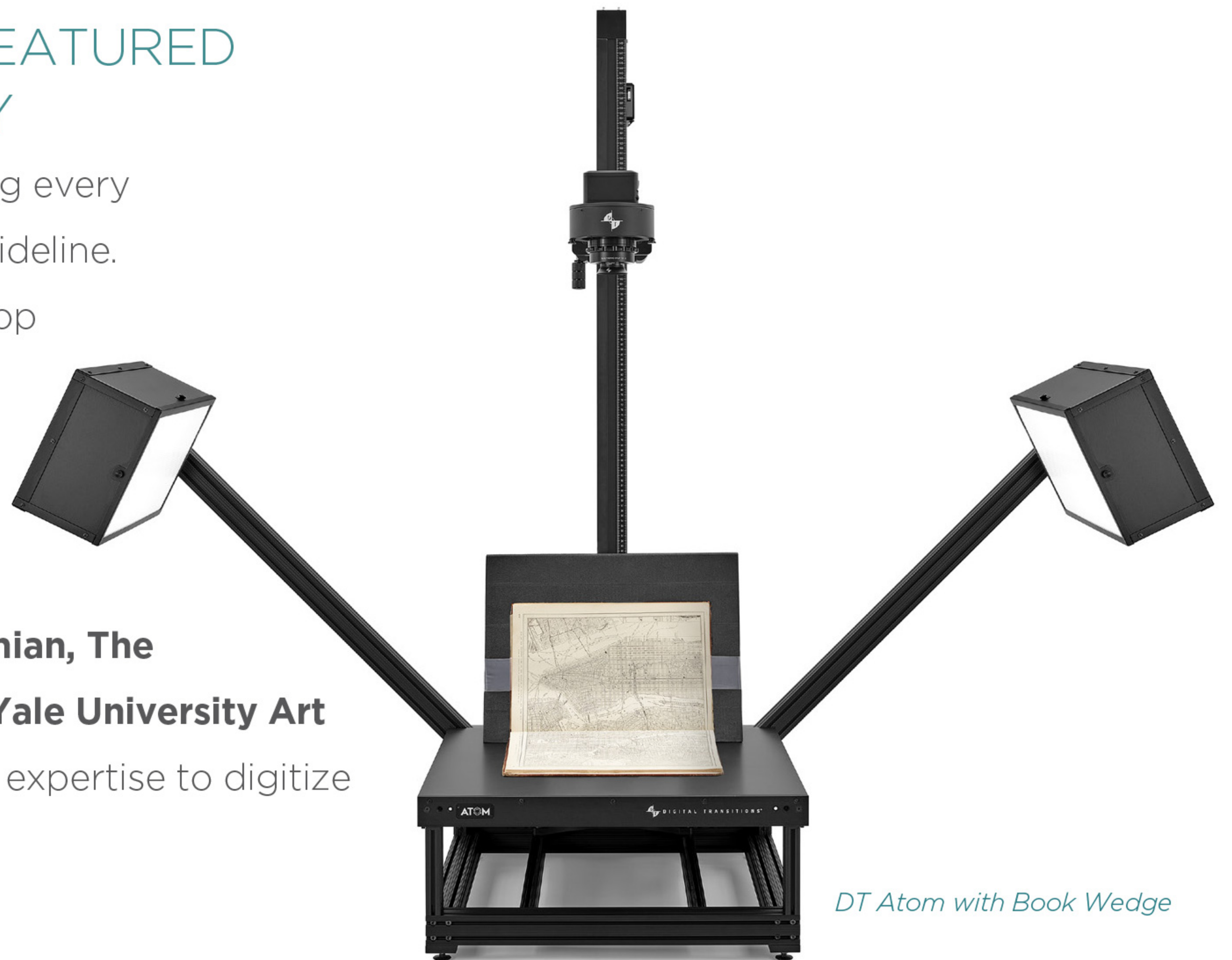# DT Atom
Table Top Digitization System

INTRODUCING THE DT **ATOM**

THE MOST VERSATILE, FULL-FEATURED COPY STAND IN THE INDUSTRY

Small, light, versatile, and capable of exceeding every major image quality industry standard and guideline. **The DT Atom** is a completely modular table top digitization platform allowing you to capture **any material type**, including **3D Objects, Flat Artwork, Bound Material,** and **Film.**

There's a reason that clients like **The Smithsonian, The Getty, The Museum of Modern Art,** and **The Yale University Art Gallery** all rely on DT's range of products and expertise to digitize their collections.

DT Atom with Book Wedge

LOOSE MATERIAL & OBJECTS

Digitize loose materials and 3D objects with ease.

- The reflective top can digitize any material up to 26" x 23"
- The Sweep Top allows shooting of standing 3D objects up to 17" x 24" x 24"
- The motorized column allows for ultra-precise control and distance of the camera from the object

BOOK SCANNING

Using the reflective standard table top with the DT V-Cradle allows you to scan bound material up to 14" x 21".
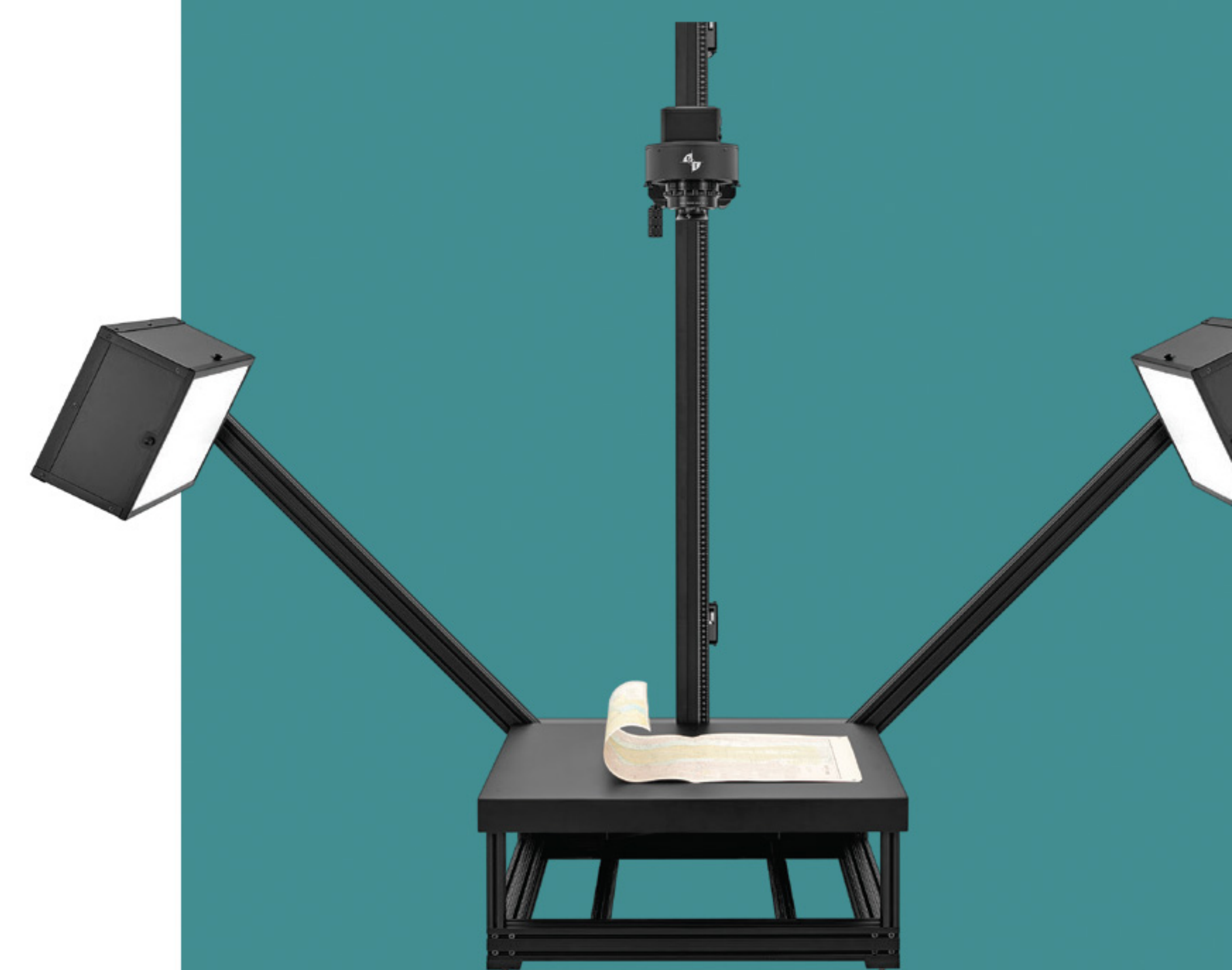
- The fastest document scanning at the highest resolutions
- Up to 6000 PPI
- Book Wedge or the DT V-Cradle available

FILM & MORE

The DT Atom excels at scanning all types of transmissive material, from 35mm film to large glass slides and everything in between.

- Our lights are removable and fit perfectly in the undercarriage to transform the Atom into a light box with ease
- Scan up to 800 slides per hour (with only one operator)
- Used in tandem with Capture One CH software to take advantage of features like Auto-crop to scan multiple slides at once, significantly speeding up your workflowcamera from the object

MODULAR TABLE TOP OPTIONS

Reflective Top

Transmissive Top

Sweep Top

X Top (For Stitching)

V Top (For Book Cradle)

Film Scanning Kit (FSK) Top

Integrated cable management system

COMPUTER REQUIREMENTS

Operating System	Mac or PC

SIZE

Frame footprint	24.6" W x 31" L
With table top	25.6" W x 31.25" L
Height w/ Column	65.5"
Light Arm Span	78.5"

WEIGHT

Frame w/ light Arms	67.5 lbs
Light Boxes	10 lbs each
Column	45.5 lbs
Total weight	133 lbs

OPERATIONAL MODE	REQUIRED TOP	MAX SUBJECT SIZE
Flat Material	Reflective Top	26" x 23"
Larger Flat Material	X Top	38" x 26"
Oversized Flat Material	[Remove Camera]	No Limit
Bound Material Open to 180°, under glass (2-up)	Linhof Cradle	14" x 11" page
Bound Material Open to 100°, under glass	V Top or Book Cradle	14" x 21" page
Bound Material Open to 100°, no glass	V Top	14" x 21" page
Bound Material Open to 80°, no glass	V Top	14" x 21" page
Oversized Bound Material Open to 100°, no glass	Reflective Top w/ Wedge	26" x 19" page
Standard 3D Objects	Sweep Top	17" x 24" x 24"
Oversized 3D Objects	[Remove Camera]	No Limit
Transmissive (e.g. watermarks)	Transmissive Top	18" x 15"
Photographic Glass Plates & Lantern Slides	FSK Top	8" x 10"
Photographic Film (sheets)	FSK Top	8" x 10"
Photographic Film (roll)	FSK Top & Reel System	10" wide, any length

DT PHOTON LED SPECS

Color Rendering Index (CRI)	98
Color Quality Score (CQS)	98
Spectral Flatness	Excellent
Color Temperature	5500 Kelvin
Color Profile	Included in Capture One
Power Source	110 V or 220 V
Warm Up Time	5 Seconds

HIGHEST RESOLUTION
Sensor sizes to suit any type of digitization from 40 to 100+ megapixel ready and PPI up to 6000.

OPEN PLATFORM
Mount & shoot with any type of camera, Pictured is our DT RCam. a purpose built reprographic camera.

MOTORIZED COLUMN
Ultra-precise control over distance and focus control with micro-step capability. **Total Height: 65.5"**

THE DT PHOTON
Proprietary LED Lighting System that is conservation friendly with color reproduction built for Cultural Heritage applications.

DIGITIZE EVERYTHING
Based on a modular design, the DT Atom can accomplish many applications/projects including from Bound or Loose Material. Film and more.

BUILT FOR THE FUTURE
We make all of our copy stands. components and cameras here in the USA out of the strongest and lightest aircraft grade aluminum.

CulturalHeritage

ADVANCED AUTOMATION

With features like AutoCrop, the DT AutoColumn, and TruePPI, preservation-grade conservation-friendly FADGI 4 digitization has never been easier. Our solutions make digitization faster, safer, and accessible to operators without advanced training or experience.

SLIPSTREAM

A radically simple user-interface, friendly for operators with any level of experience. No training required.

TRUEPPI

A one-click solution that makes setting PPI as easy as it was on legacy flatbed scanners. Camera focus and camera position are automatically and precisely handled.

DT AUTOCOLUMN

These revolutionary products greatly simplify the workflow of camera-based digitization. Combined with Capture One Cultural Heritage Edition, they will move the camera to the appropriate height for a desired PPI with a single click.

AUTOCROP

Crop and deskew thousands of images with a single click, to conform with your institution's preferred margin and save thousands of hours of editing time on your large projects.

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