

DT Film Scanning Kit

Film Carrier Replacement Guide



The DT Film Scanning Kit (FSK) is fast. Capturing, loading, and post-processing is over 400 times faster than legacy scanning equipment. The DT FSK scans at up to 7000ppi with FADGI 4-star compliance. Capture speed is less than one second for any film size. Our main carriers are made of steel and provide an economical solution, especially for film formats an institution does not have significant quantities of in their collections. The DT FSK uses a magnetic mask to hold the film in place. The magnetic masks are user-replaceable, and replacement parts are available as purchasable service items.

CAUTION: The purpose of this document is to provide a reference for you when using the DT Film Scanning Kit. Service operations can be completed by the customer without an on-site DT Technician, but it should be executed by someone comfortable working on mechanical devices. Failure to follow the instructions below could damage the equipment or be dangerous.

Once you have received your equipment, please reach out to support@digitaltransitions.com or call +1 (212) 529-6825 option #4 to schedule a time with our team to assist you in setting up or performing any service item replacement.

DT will not be held responsible for any damage or injury caused by improper installation or calibration in the event that the user attempts to install the equipment without a support team member present remotely.

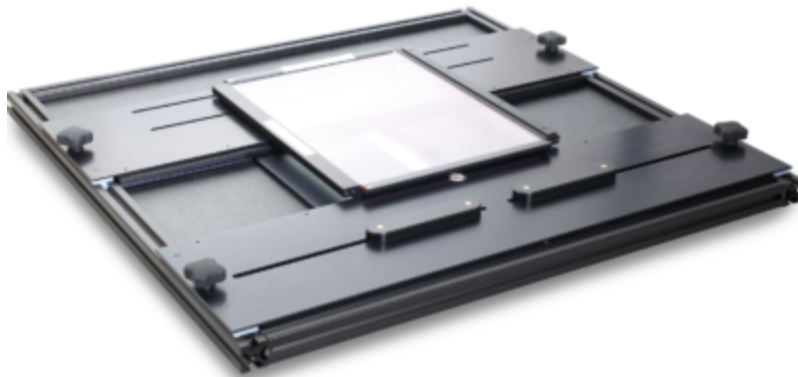
Please reach out to us at support@digitaltransitions.com and we will be more than glad to discuss any questions or concerns you might have.

Sincerely,

The Digital Transitions Technical Support Team

How to replace DT FSK film carrier parts

DT Film Scanning Stage



About: The latest DT Film Scanning Stage now features two additional slots for use with the ANR Glass carrier, to provide more complete light gating for maximum image quality on smaller film formats. The DT Stage comes with both standard and extended legs; please see our DT FSK Quick Guide for installation instructions.

Replacement Parts: The DT Stage has 4 parts: the film scanning top, horizontal gate, vertical gate, and the stage legs. To remove either gate you must first remove the tightening knobs. Next, the gate has 4 Phillips screws located by the tightening knobs; remove the 4 screws then the gate can be removed from the DT Stage. The screws secure the gate to nylon spacers within the stage. To remove the nylon spacers, use a 3/18 hex key to remove the socket screws on each corner of the stage frame. The nylon spacers can then slide out from the stage track. To replace the film scanning top or the stage legs, please reach out to support.

DT Basic Film Carriers: 35mm, 120, and 4x5



About: The DT Basic 35mm and 120 Strip Film Carrier, and the DT Basic 4x5 Sheet Film Carrier consists of a durable, ultra-flat machined metal base with a flexible magnetic cover, allowing the user to hold film planar without glass. With minimum contact around the edges for safe handling of even the most fragile material, the film carrier allows capture of the entire frame without obstruction and provides built-in flare protection.

Replacement Parts: The magnetic masks on the DT Basic Film Carriers can be replaced. To remove the magnetic mask simply unscrew the 3 Phillips screws that are on the carrier and the mask can be replaced. To replace the carrier, please reach out to support.

How to Determine V1 (12cm) vs V2 (13.5cm)

DT Advanced 35mm Slide Film Carrier



About: The DT Advanced Slide Film Carrier enables precise positioning for up to 6 slides at a time for high magnification digitization. Machined to be durable and ultra-flat, the Slide Film Carrier ensures perfect planarity and repeatability, with minimum contact around the edges of the slide mount for the safe handling of even the most fragile materials. The Slide Film Carrier also features detents for easy frame-to-frame registration when using the DT Film Scanning Kit Base.

Replacement Parts: To replace the DT Adv. 35mm Slide Film Carrier, please reach out to support.

DT Advanced ANR Glass and Sheet Film Carrier



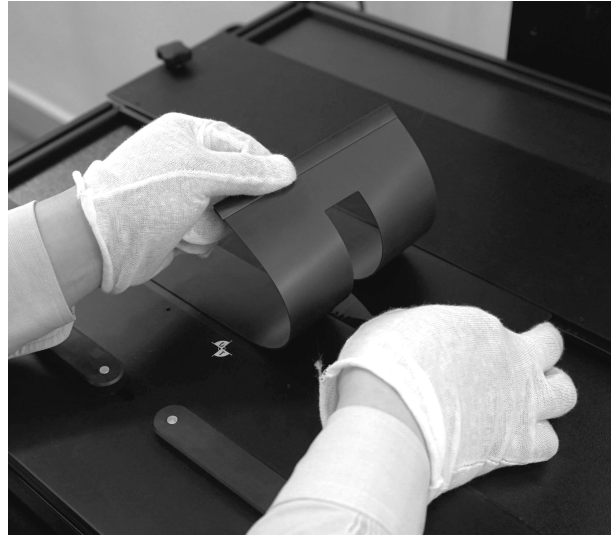
About: The DT ANR Glass Film Carrier is the culmination of years of research into different glasses, coatings, and machining methods designed to eliminate Newton Rings when digitizing film under glass. With the advanced, ultra-fine glass coating formulation used, image sharpness and grain rendition are far superior to legacy scanner glass or drums at high PPI, and the need for wet-mounting is eliminated (though wet mounting is possible if desired). With a durable frame custom machined from aerospace-grade aluminum, the glass carrier allows for precise, repeatable digitization of sheet or strip film of any size up to 8×10.

Replacement Parts: To replace the ANR glass, please reach out to support.

Magnetic Masks Usage for DT Basic Film Carriers

To ensure the maximum life span of the magnetic masks for 35mm, 120, and 4x5 carriers, proper handling of the masks while loading the films is necessary. The masks should **not** be bent past a 90-degree angle while the film is being loaded.

The incorrect way to open the mask:



The correct way to hold the mask:



While keeping the masks at a 90-degree angle to the aluminum holder, adjust the film strip's alignment as the masks are slowly rolled down to make sure that the film strip is being loaded parallel to the edge of the opening.