

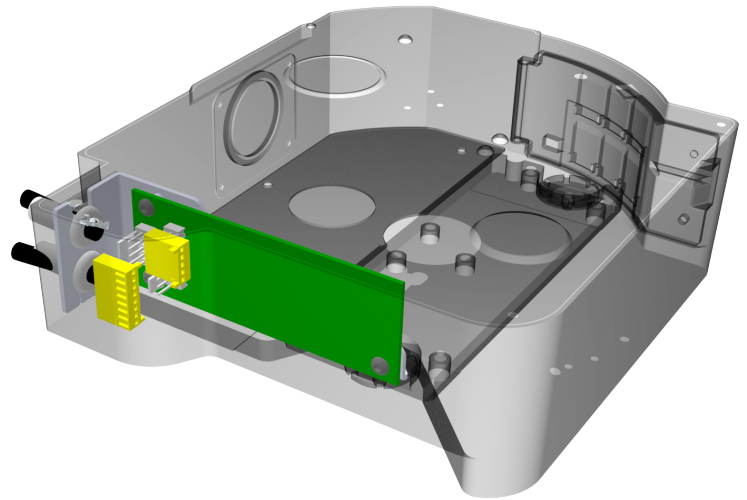
HF6NTK

Nikon Ti2 six position motorized turret upgrade kit

The Prior HF6NTK upgrade to the Nikon model Ti2-F-FLT-E six-position turret allows it to be controlled from Prior's ProScan[®] III controller.

It is suitable as an upgrade to an existing turret or purchased with a new Ti2-F-FLT-E turret*.

Upgrading the turret allows it to be used with open-source microscopy software compatible with the ProScan III controller, or as part of customized instrument designs utilising Prior's open access SDK.



Ordering Information

Part Number	Description
HF6NTK	Upgrade Nikon Ti-2 motorized turret for control by Prior ProScan [®] III. Requires two filter wheel drives on ProScan [®] III. The Nikon motorized turret is not supplied.

*Please note: the Nikon motorized turret is not supplied. ProScan III controller must have two free filter wheel drives available. Controller not included.

Key Features

- Compatible with most major imaging software packages.
- Rapid switching (300 ms) between adjacent cubes.
- Enables motorization of the Nikon Ti2 without the purchase of the HUB-B motorization hub.
- Enables control of the filter turret and integrated shutter.

Applications

- Confocal and super-resolution microscopy
- Fluorescence microscopy

Compatible Prior Controllers

Part Number Description

V31XYZF	ProScan® III Controller to control non-encoded XY stage, non- encoded Z focus, three filter wheels and three shutters, with 2x RS232, USB and programmable TTL. Supplied with SDK for easy software integration.
V31XYZEF	ProScan® III Controller to control encoded XY stage, encoded Z focus, three filter wheels and three shutters, with 2x RS232, USB and programmable TTL. Supplied with SDK for easy software integration.
V31F	ProScan® III Controller to control either; focus and two filter wheels and three shutters or three filter wheels, and three shutters, with 2x RS232, USB and programmable TTL. Supplied with SDK for easy software integration.
V31ADF	Ancillary box containing controller for three filter wheels, and three ancillary box containing controller for three filter wheels, and three shutters, for upgrade to V31XYZE model.

Related Prior Products

Part Number Description

ProScan H117N1N4	Flat top ProScan® stage for Nikon Ti2/Ti inverted microscopes with travel range 114 x 75 mm, 1 mm pitch ball screw and 400 step motors.
ProScan H117E1N4	Flat top ProScan® stage for Nikon Ti2/Ti inverted microscopes with travel range 114 x 75 mm, 1 mm pitch ball screw and 400 step motors. Encoded with 0.05 µm linear encoders
ProScan HLD117NN	Flat top ProScan® linear motor stage for Nikon inverted microscopes with travel range 121 x 81 mm, with 50 nm encoders.

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