

Technical Instruments Macros and Plugins

Oct 2009

NIS Elements Plug-Ins

Part #	Description	List Price
XY_THETA_ALIGNMENT	Uses two fiducial points to correct any theta rotation or XY offset on a sample. Used for scanning samples that may be inaccurately placed onto a stage.	\$1,500.00
INT_AUTOFOCUS	Allows experiment autofocus to be performed on any N fields. Useful for xy scanning where only 1 update of autofocus is required every few frames.	\$500.00
AREA_TO_LENGTH	Converts signal area to total length, useful for neurite outgrowth analysis	\$500.00
4D_TIMELAPSE	Timelapse support for users with 4d acquisition. Basic support only, purchasing NIS Elements 6d dropin recommended.	\$500.00
FRAP_ON_TIME	Macro to control external ablation or uncaging signal while inside of a 6D experiment.	\$250.00
OCT_SCAN_ARRAY	Creates multiple octagonal XY points for a multipoint experiment. Diameter of octagon, number of octagons in X and Y and step between octagons is adjustable	\$500.00
HEAT_DRIVER	Heating Stage driver for a linkham specimen heater/cooler. Supports adjustment of temperature inside of an experiment.	\$500.00
COLOR_SHIFT	Used for correcting the small pixel shifts found in non-registered cubes.	\$125.00
LIVE_TRACKING	Macro uses thresholding and measurements to define a single object. Object movement between measurement frames is calculated, and an automated stage correction is applied to re-center the object.	\$1,500.00
LMM_CONTROL	Driver for Spectral Applied Research Laser Merge Module	\$500.00
PFS_OC_OFFSET	Offsets the PFS based on the current optical configuration. Will override any adjustment used inside of the XY multipoint list.	\$250.00
RGB_OUT	Saved R,G,B Jpeg images from an ND acquisition	\$150.00
STG_SEARCH	Moves stage in a serpentine pattern to aid user in finding locations under high magnification.	
ALIGN_TIME	Uses a threshold + measurement to determine object motion in a timelapse, and corrects that motion in the sequence.	\$250.00
Z_OFFSET	Uses autofocus result to auto-apply offsets from the ND Z point and the AF result.	\$250.00

MetaMorph Journals

ALIGN_TIME_MM	Uses a threshold + measurement to determine object motion in a timelapse, and corrects that motion in the sequence.	\$250.00
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