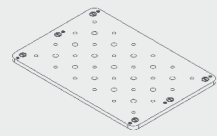


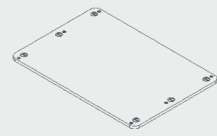
# Nikon SMZ18/25 configuration chart

See the following pages for more product information.

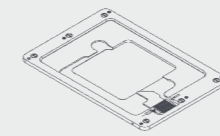
## 6 Sample holders



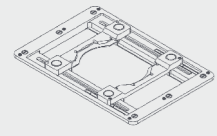
**H230B**  
Breadboard insert plate



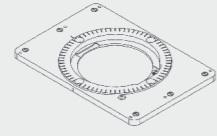
**H230**  
Solid stage plate



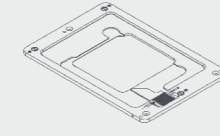
**H224LP**  
Low profile 3 in x 1 in slide holder



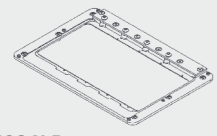
**H473UP**  
Universal sample holder



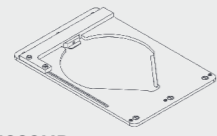
**H224ROT**  
3 in x 1 in manual rotating slide holder



**H237LP**  
Low profile 3 in x 1 in slide holder



**H234LP**  
Low profile, four 3 in x 1 in slide holder

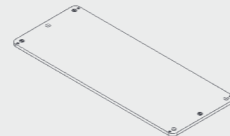


**H229UP**  
Universal Petri dish holder

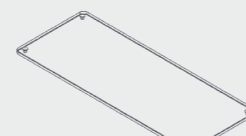


**H3848**  
Low profile slide holder adapter kit

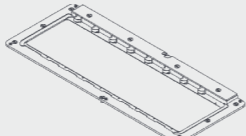
## 6 Sample holders



**H239**  
Solid stage plate

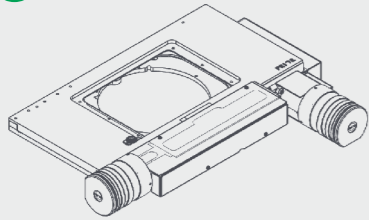


**H288**  
Glass stage plate



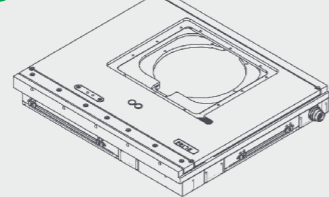
**H238LP**  
Low profile eight 3 in x 1 in slide holder

## 1 Stages



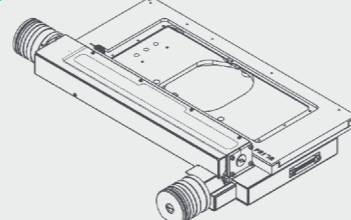
**H101A, HE01A, H1P4A, HEP4A**  
ProScan upright stage

## 1 Stages



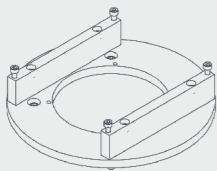
**H101P2F, H101E2F, H101P1F, H101E1F**  
ProScan upright stage, flat top

## 1 Stages



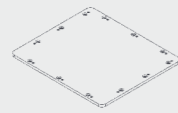
**H138A HE38A**  
ProScan upright stage, large format

## 6 Stage adapter

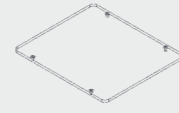


**HSMZ1825**  
Adapter for H101A stages

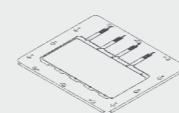
## 6 Sample holders



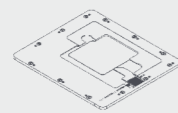
**H230F**  
Pair of stage extension wings



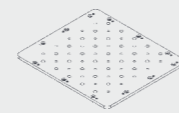
**H220F**  
Pair of stage extension wings



**H234F**  
Pair of stage extension wings

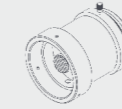


**H224F**  
Pair of stage extension wings

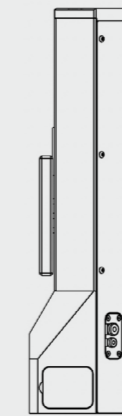


**H230FB**  
Pair of stage extension wings

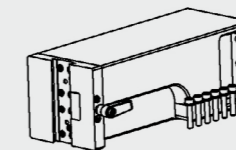
## 5 Motorized focus



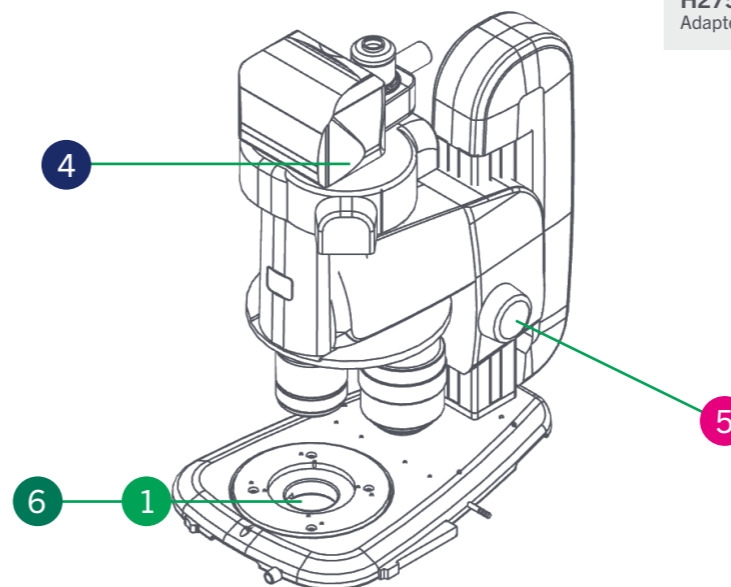
**PS3H122S15**  
Generic focus drive and adapter



**H275LMT, H275LMTE**  
Extended motorized focus towers



**H275LSMZ**  
Adapter arm for SMZ optics



# Nikon SMZ18/25 configuration guide

Prior Scientific can supply stages and, in the case of the SMZ18 and older SMZ-series systems, motorized focus upgrades for these microscopes.

## Motorized XY stages and sample holders

All stages listed below require the HSMZ1825 adapter. The SMZ18 or SMZ25 must be fitted with a P2- or P- prefix illumination base. For other illumination bases, please contact Prior Scientific. Transmitted light illumination intensity may be reduced when using this adapter.

Part	Description
H101A	ProScan upright stage, part encoded, 2 mm pitch, 200 step
HE01A	ProScan upright stage, encoded, 2 mm pitch, 200 step
H1P4A	ProScan upright stage, part encoded, 1 mm pitch, 400 step
HEP4A	ProScan upright stage, encoded, 1 mm pitch, 400 step
H473UP	Universal sample holder (slides, Petri dishes, small flasks), upright
H224LP	Low profile 3 in x 1 in slide holder
H234LP	Low profile, four 3 in x 1 in slide holder
H237LP	Low profile 3 in x 2 in slide holder
H229UP	Universal Petri dish holder, upright stages, up to 90 mm diameter
H230	Solid stage plate, H101A stages
H224ROT	3 in x 1 in manual rotating slide holder
H230B	Breadboard insert plate M4 & M6 (H101)
H220	H101 glass stage plate assy
HSMZ1825	Adapter for mounting stages on the SMZ1825

## Flat top XY motorized stages and sample holders

Part	Description
H101P2F	ProScan upright stage, flat top, part encoded, 2 mm pitch, 200 step
H101E2F	ProScan upright stage, flat top, encoded, 2 mm pitch, 200 step
H101P1F	ProScan upright stage, flat top, 1 mm pitch, 200 step
H101E1F	ProScan upright stage, flat top, encoded, 1 mm pitch, 200 step
H3848	Low profile slide holder adapter kit for H101F
H230F	Solid stage plate, H101F stages
H224F	Low profile 3 in x 1 in slide holder, extended, H101F stages
H234F	Four 3 in x 1 in slide holder, H101F stages
H220F	Glass stage plate, H101F stages
H230FB	Breadboard stage insert assembly (H101F)
HSMZ1825	Adapter for mounting stages on the SMZ1825

## Large format XY motorized stages and sample holders

Part	Description
H138A	ProScan upright stage, part encoded, 2 mm pitch, 200 step, for up to 8 slides
HE38A	ProScan upright stage, encoded, 2 mm pitch, 200 step, for up to 8 slides
H238LP	Low profile eight 3 in x 1 in slide holder
H238PLP	Low profile eight 3 in x 1 in slide holder, part recessed
H239	Solid stage plate, H138 stages
H288	Glass stage plate, H138 stages
HSMZ1825	Adapter for mounting stages on the SMZ1825

## Motorized focus

The PS3H122S15 must be used with the SMZ18. The SMZ25 already has motorized focus, so no add-on system is required. The PS3H122S15 can also be fitted to SMZ1270 microscopes. All non-motorized systems must be fitted with a fine and coarse focus knob. Only the fine focus knob will be motorized. The H275LMT and H275LMTE can be used to translate the entire SZX18/25 head using the H275LSMZ in combination with the Nikon P2-FM focus mount adapter or P2-RNI2 intelligent nosepiece. Please note that when using the H275LMT and H275LMTE, it is possible to use much larger stages with the SMZ18/25 than indicated in this section of the sales guide.

Part	Description
PS3H122S15	Generic focus drive and adapter with rotating cable system preventing cable twisting
H275LMT	Extended motorized focus tower
H275LMTE	Extended motorized focus tower, encoded
H275LSMZ	Adapter arm for SMZ optics