



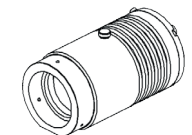
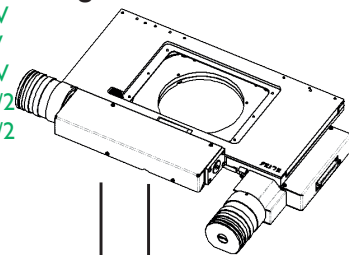
Nikon LV100-LV150 Systems Chart

Sample holders

- H220
- H234LP
- H224LP
- HWC15SNL (H105)
- HWC15VNL (H105)
- H230
- H231 (H105)
- H227 (H105)

Motorised stages

- H101NLV
- HIP4NLV
- HEP4NLV
- H105NL/2
- HE05NL/2



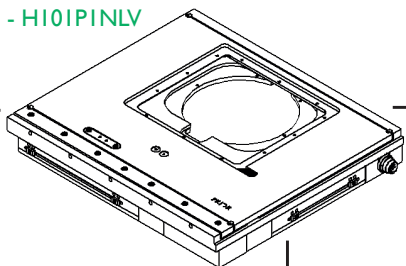
- Brightfield**
- LDB101FNI
 - LDPI00FNI

Controllers

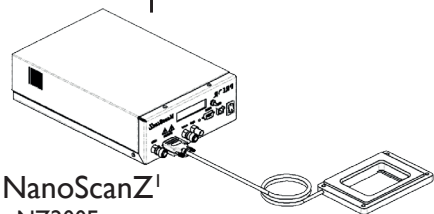
- ES10ZE
 - V31XYZE
 - V31F
 - V31XYZEF
- Compatible with most imaging software

Flat top Motorised stages

- H101P2NLV
- H101E1NLV
- H101P1NLV



Sample holder adapter H3848

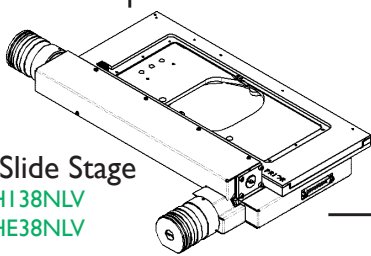


NanoScanZ¹

- NZ200F

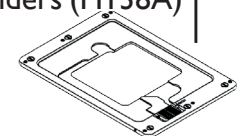
8 Slide Stage

- H138NLV
- HE38NLV



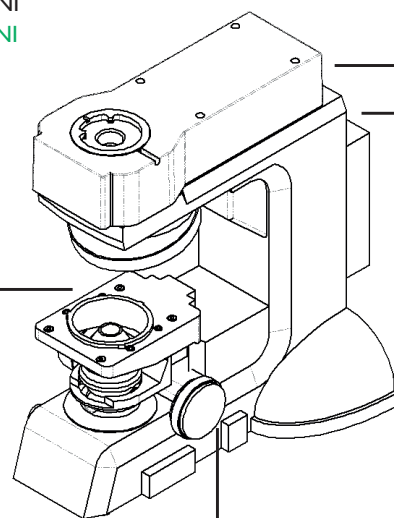
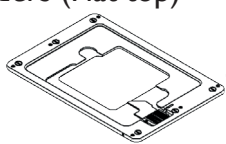
Sample holders (H138A)

- H238LP
- H238PLP
- H239



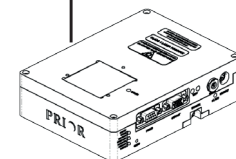
Sample holders (Flat top)

- H220F
- H230F
- H224F
- H234F



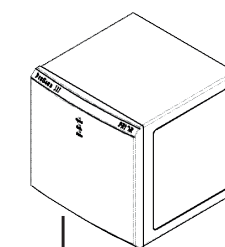
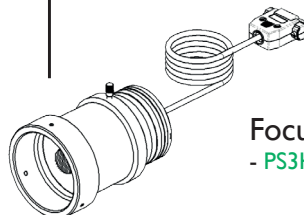
Laser Autofocus

- LF210
- LF100K
- LF320



Focus Motor

- PS3H122R/H3909



Joystick Control Unit

- PS3J100



NIKON METROLOGY STRATEGIC PARTNER

Product	Details
ES10ZE	Focus only controller
H101E1NLV	H101F flat top stage with 1 mm screw pitch, 200 step motors and encoders
H101NLV	H101A stage with 2mm screw pitch and 200 step motor
H101P2NLV	H101F flat top stage with 2mm screw pitch and 200 step motors.
H105NL/2	Large format stage with 154 x 154 mm travel range, 200 step motors and 2 mm screw pitch
H101P1NLV	H101F flat top stage with 1mm screw pitch and 400 step motors.
H1P4NLV	H101A stage with 1 mm screw pitch and 400 step motor
H138NLV	H138A Eight slide holding stage with 200 step motor and 2mm ball screw
HE38NLV	H138A Eight slide holding stage with 200 step motor and 2mm ball screw and encoders
H220	Glass insert plate
H220F	H101F glass insert plate
H224F	Low profile slide holder for flat top stages
H224LP	Low profile slide holder (76 x 26 mm slide)
H227	Glass plate (H105 stages) - not suitable for transmitted microscopy
H230	Aluminium insert plate
H230F	H101F aluminium insert plate
H231	Aluminium plate (H105 stages)
H234F	Low profile slide holder (4 slides) for flat top stages
H224LP	Low profile slide holder (4 x 26x75 mm slides)
H238LP	Low profile slide holder for eight 76 x 26 mm slides
H238PLP	Semi recessed low profile slide holder for eight 76 x 26 mm slides
H239	Aluminium plate for H138A and HE38
H3848	Adapter allowing conventional sample holders to be fitted to flat top stages
H3909	Focus Motor Adapter for Nikon LV series and L200
HE05NL/2	Encoded variant of H105/2
HEP4NLV	H101A stage with 1mm screw pitch, 400 step motor and encoders
HWCI5SNL	Wafer chuck for 100 and 150 mm wafers (H105 stages)
HWC15VNL	Wafer chuck, rotatable with vacuum for 150 mm (H105 stages)
LDB100FNI	Brightfield Illumination LED for Nikon (controlled by ProScan)
LDB101FNI	Brightfield Illumination LED for Nikon (stand alone)
LF100K	LF210 Digipot and Keypad
LF210	Laser AutoFocus (requires flange and keypad)
LF320	LF210 Mounting flange for Nikon Microscopes
NZ200F	NanoScanZ (adapted for flat top stages)
PS3H122R	Generic Focus Drive with rotating cable system to prevent twisting
PS3J100	Multifunctional manual joystick for ProScan
V31F	ProScan® controller with three stepper drives for focus and two filter wheels or 3 shutters
V31XYZE	ProScan® controller with XYZ drives and encoder input
V31XYZEF	ProScan® controller with XYZ drives, three filter wheel drives, shutter drives and encoder input

NIKON LV100-LV150 SYSTEM CHART

If you have a LV100 or LV150 microscope then this sheet can be used to specify the exact part numbers needed to build up your system. **Not every compatible Prior product is listed here - therefore do not hesitate to contact Prior if you require more assistance, advice or support.**

Please note that this is only a guide, and whilst every effort has been made to ensure it is correct and updated, we highly recommend you consult a Prior sales manager before ordering.



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