

Nikon LV Systems Chart

Green writing indicates ProScan controller required for operation

Notes

Only the HI16/2-8 and HE16/2-8 stages can be fitted to the L200. These stages are not compatible with the LV series.

Motorised stages**

- HI01NLV
- HIP4NLV
- HEP4NLV

** NZ200F can only be used with flat top stages

Sample holders

- H220
- H230
- H224LP
- H473UP

Flat top Motorised stages**

- HI01P2NLV
- HI01E1NLV

Sample holder adapter
H3848

Sample holders (Flat top)

- H224F
- H234F

NanoScanZ
- NZ200F

Large Formal Motorised stages**

- HI05/NL
- HI16/2-8
- HE05/NL
- HE16/2-8

L200 ONLY

Sample holders for large format stages

- H225 (HI05)
- H227 (HI16)
- H231 (HI05)
- H232 (HI16)
- HWC15SNL (HI05)
- HWC15VNL (HI05)
- HWC20S (HI16)
- HWC20V (HI16)

Brightfield

- LDB101FNI
- LDPI00FNI

Focus Motor
- PS3HI22R/H3909

8 Slide Stage**

- HI38ZEP/CL
- HE38ZEP/CL

Sample holders (HI38A)

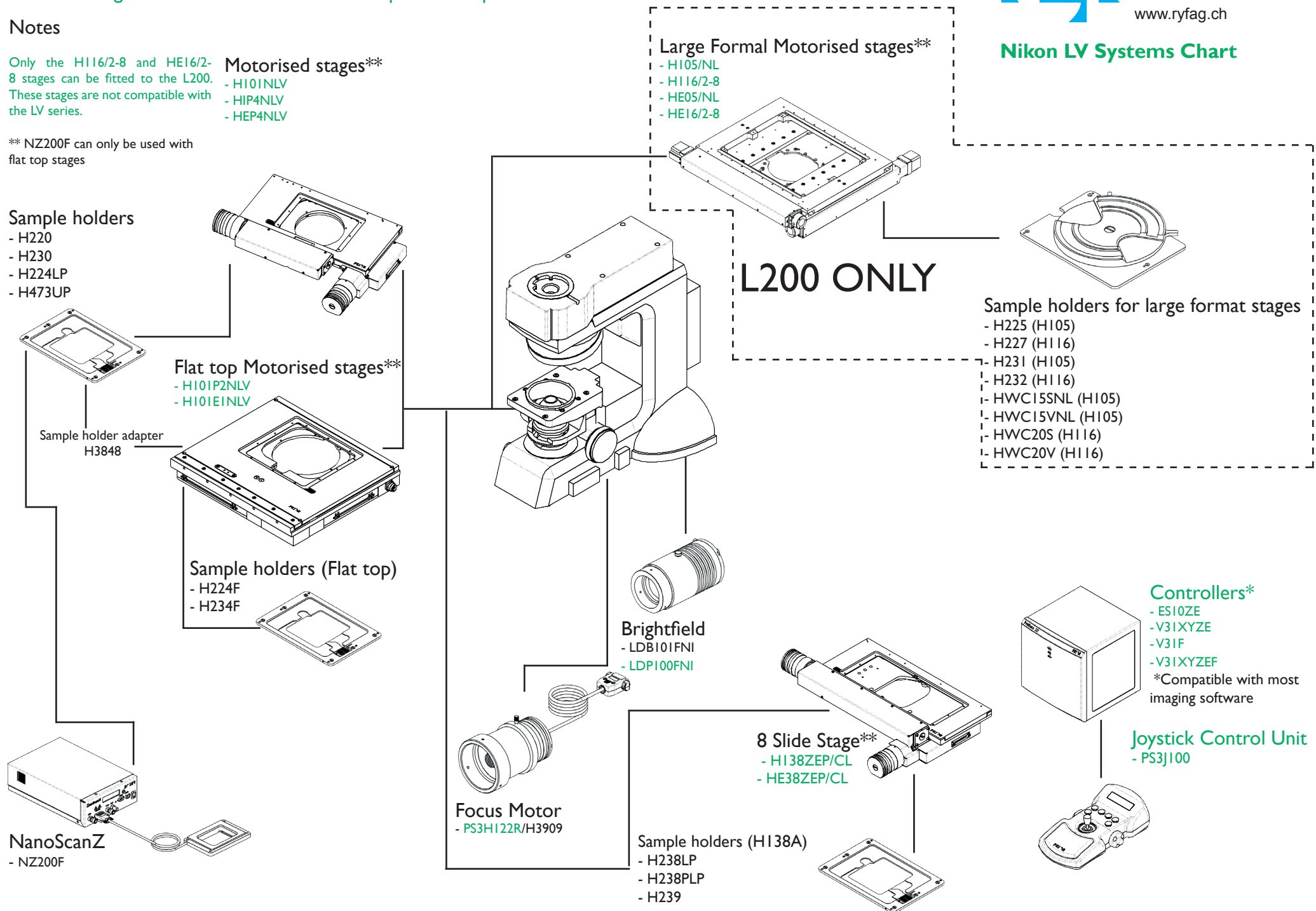
- H238LP
- H238PLP
- H239

Controllers*

- ES10ZE
- V31XYZE
- V31F
- V31XYZEF

*Compatible with most imaging software

Joystick Control Unit - PS3J100



NIKON LV100, LV150 AND L200 SYSTEMS CHART

Product	Details
ES10ZE	Focus only controller
H101E1fNLV	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
H101P2fNLV	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
H116/2-8	Large format stage with 255 x 215 mm travel range, 200 stepper motor and 2 mm screw pitch
H122KON	Direct fine focus coupling kit for Nikon and Olympus
H101P1fNLV	H101F flat top stage with 1mm screw pitch and 400 step motors.
H1P4NLV	H101A stage with 1 mm screw pitch and 400 step motor
H138CL/ZEP	H138A Eight slide holding stage with 200 step motor and 2mm ball screw
HE38CL/ZEP	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
H225	Glass plate (H116 stages) - not suitable for transmitted microscopy
H227	Glass plate (H105 stages) - not suitable for transmitted microscopy
H230	Aluminium insert plate
H230F	H101F aluminium insert plate
H231	Aluminium plate (H105 stages)
H232	Aluminium plate (H116 stages)
H234F	Low profile slide holder (4 slides) for flat top stages
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
H473UP	Universal sample holder
HE05NL/2	Encoded variant of H105/2
HE16/2-8	Encoded variant of H116/2
HEP4NLV	H101A stage with 1mm screw pitch, 400 step motor and encoders
HWCI5SNL	Wafer chuck for 100 and 150 mm wafers (H105 stages)
HWCI5VNL	Wafer chuck, rotatable with vacuum for 150 mm (H105 stages)
HW20S	Wafer chuck for for 150 mm and 200 mm wafers (H116 stages)
HW20V	Wafer chuck, rotatable with vacuum for 200 mm wafers (H116 stages)
LDB100FNI	Brightfield Illumination LED for Nikon (controlled by ProScan)
LDB101FNI	Brightfield Illumination LED for Nikon (stand alone)
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

If you have a Nikon LV100, LV150 or L200 microscope then this system chart can be used to select a range of equipment for your microscope. Please note that some parts will only fit certain specific microscopes.

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.