

Green writing indicates ProScan controller required for operation

Notes

- * NZ200F can only be used with flat top stages.
- **Z-Deck only suitable for BX51/61 microscopes
- † The slide loader can only be used with the PL101ABX or PLE01ABX stages
- ‡ The PLE01ABX is only for use with the PL228

Motorised stages

- H101BX
- HIP4BX
- HEP4BX
- PL101BX†
- PLE01BX†‡

Slide Loader

- PL200†
- PL238‡ OR PL228‡
- PL304

Lumen 200

- L200POL
- L220POL

Olympus BX Systems Chart

Lumen 200

- L220SOL
- L200SOL

Lumen 100

- L100###OL

(Replace ### with wavelength)

Filter wheels

- HF108A/HF235 (Excitation)
- HF110A/HF235 (Excitation)
- HF110A/HF239 (Emission)

Shutters

- HF200HT (Excitation)
- HF201HT (Excitation)
- HF202HT/HF235 (Excitation)
- HF204HT/HF238 (Transmitted)
- HF204HT/HF235 (Excitation)

Controllers

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

Joystick Control Unit

- PS3100

Sample holders

- H224LP
- H473UP

Sample holder adapter
H3848

NanoScanZ *

- NZ200F

Flat top Motorised stages

- H101E1BX/B3
- H101P1BX/B3
- H101P2BX/B3

B3 stages are for use with BX63 microscopes with pillar mounts.

Flat top stage sample holders

- H224F
- H234F

Laser Autofocus

- LF210
- LF100K
- LF335

Brightfield

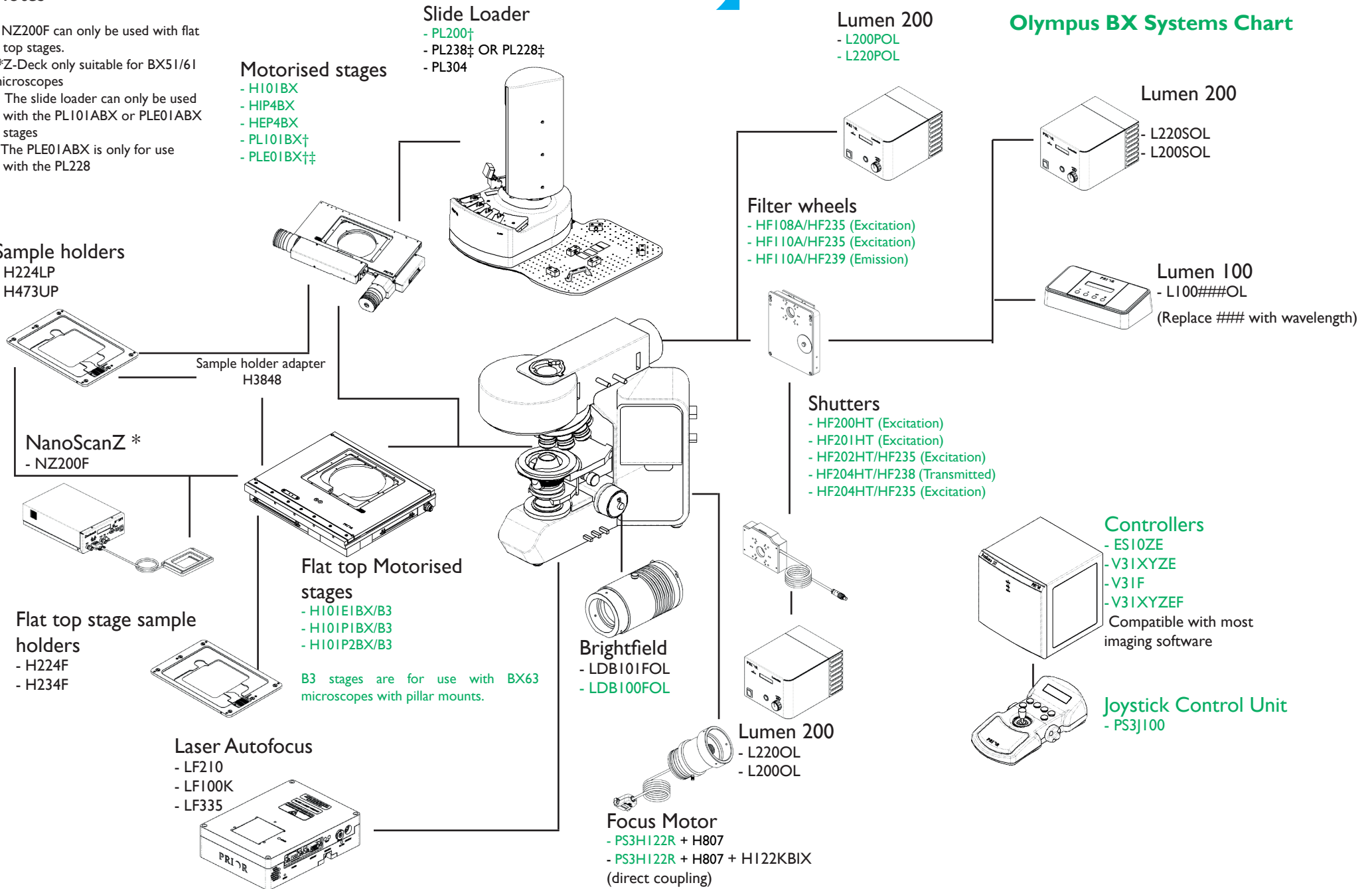
- LDB101FOL
- LDB100FOL

Lumen 200

- L220OL
- L200OL

Focus Motor

- PS3H122R + H807
- PS3H122R + H807 + H122KBIX (direct coupling)



Product Details

ESI0ZE	Focus only controller
H101BX	H101A stage with 2mm screw pitch and 200 step motor
H101E1B3	H101F flat top stage with 1 mm screw pitch, 200 step motors and encoders (BX63 with pillar mount only)
H101E1BX	H101F flat top stage with 1 mm screw pitch, 200 step motors and encoders
H101P1B3	H101F flat top stage with 1 mm screw pitch and 200 step motors (BX63 with pillar mount only)
H101P1BX	H101F flat top stage with 1mm screw pitch and 400 step motors.
H101P2B3	H101F Flat top stage with 2mm screw pitch and 200 step motor (BX63 with pillar mount only)
H101P2BX	H101F flat top stage with 2mm screw pitch and 200 step motors.
H1P4BX	H101A stage with 1 mm screw pitch and 400 step motor
H122KON	Direct fine focus coupling kit
H224F	Low profile slide holder for flat top stages
H224LP	Low profile slide holder
H234F	Low profile slide holder (4 slides) for flat top stages
H3848	Allows H101 sample holders to be fitted to a flat top stage
H473UP	Universal sample holder
H807	Focus sleeve for IX and BX microscopes
HEP4BX	H101A stage with 1mm screw pitch, 400 step motor and encoders
HF108A/HF235	Filter wheel holding 8 32mm filters with adapter (Excitation)
HF110A/HF235	Filter wheel holding 10 25mm filters with adapter (Excitation)
HF110A/HF239	Filter wheel holding 10 25mm filters with adapter (Emission)
HF200HT	High speed shutter with 25 mm aperture for use with filter wheel (excitation)
HF201HT	High speed shutter with 32 mm aperture for use with filter wheel (excitation)
HF202HT/HF235	High speed shutter with 25 mm aperture for stand alone use (excitation)
HF204/HF238	High speed shutter with 32mm aperture for stand alone use (transmitted)
HF204HT/HF235	High speed shutter with 32 mm aperture for stand alone use (excitation)
L100####OL	Single LED illumination system. Replace #### with wavelength required.
L200OL	Metal Halide Illumination Source
L200POL	Metal Halide Illumination Source (controllable via ProScan) with integral shutter and six position filter wheels
L200SOL	Metal Halide Illumination Source with integral shutter.
L220OL	Metal Halide Illumination Source with extended UV/IR wavelengths
L220POL	Metal Halide Illumination Source (controllable via ProScan) with extended UV/IR wavelengths integral shutters and six position filter wheels
L220SOL	Metal Halide Illumination Source with integral shutter with extended UV/IR wavelengths
LDB100FOL	Brightfield Illumination LED for Olympus (controlled by ProScan)
LDB101FOL	Brightfield Illumination LED for Olympus (stand alone)
LF100K	Laser Autofocus Control Keypad
LF210	Laser Autofocus for reflective specimens. Requires LF100K and LF335.
LF335	Flange to fit LF210 to BX microscopes
NZ200F	Nanopositioning piezo Z stage with 400 um of travel and controller; adapted for flat top stages
PL101BX	H101A stage for use with Slide Loader
PLE01BX	Encoded H101A stage for use with Slide Loader
PL200	Slide Loader
PL228	Bevel edged sample holder for "1 x 3" slides. Includes 4 slide racks for "1 x 3" slides
PL238	Bevel edged sample holder for "2 x3" slides. Includes 2 slide racks for "2 x 3" slides.
PL304	Barcode reader for PL200
PLE01ABX	Encoded H101A stage for use with Slide Loader (use with PL228 only)
PS3H122R	Focus drive
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

If you have an Olympus BX microscope then this sheet can be used to specify the exact part numbers needed to build up your system. Not every Olympus BX compatible Prior product is listed here - therefore do not hesitate to contact Prior if you require more assistance, advice or support. **Note that the BX63 is already motorised and so cannot be fitted with a focus motor.** Please note that the BXWI requires different components and has a dedicated systems chart.

Whilst every effort has been made to ensure this chart is correct and updated, we highly recommend you consult a Prior sales manager before ordering.