

Green writing indicates ProScan controller required for operation



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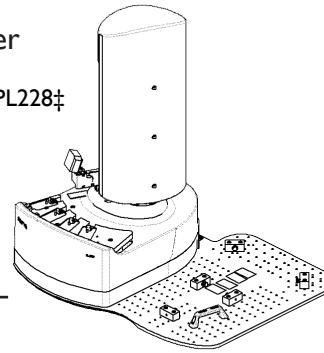
AZI100 Systems Chart

Notes

- * NZ400F can only be used with flat top stages
- ** AZEP is for Episcopic AZI100s, E50 for diascopic
- † The slide loader can only be used with the PL101ZEP/E50 or PLE01ZEP/E50 stages
- ‡ The PLE01ZEP/E50 is only for use with the PL228

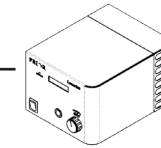
Slide Loader

- PL200†
- PL238‡ OR PL228‡
- PL304



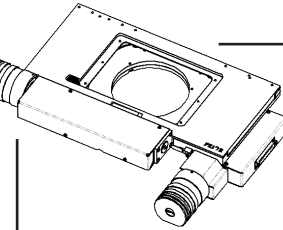
Lumen 200

- L200P
- L220P
- L220S
- L200S
- L220
- L200



Sample holders

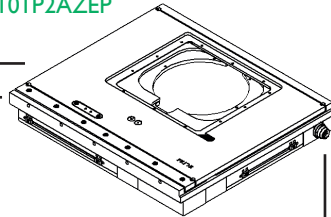
- H224LP
- H473UP



Flat top Motorised stages**

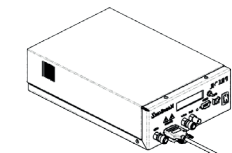
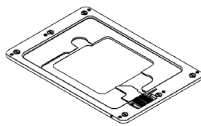
- H101E1AZEP
- H101PIAZEP
- H101P2AZEP

Sample holder adapter
H3848



Sample holders (Flat top)

- H224F
- H234F



NanoScanZ*

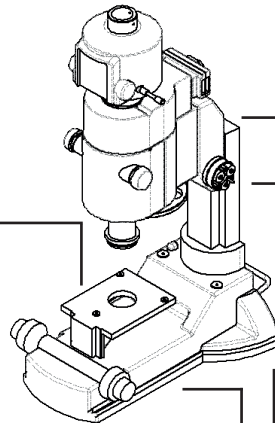
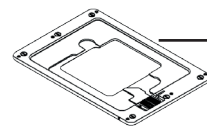
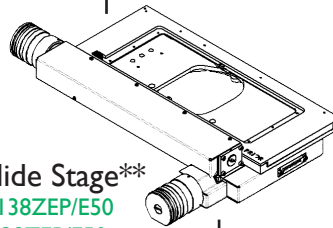
- NZ200F

Sample holders (H138A)

- H238LP
- H238PLP
- H239

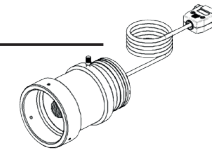
8 Slide Stage**

- H138ZEP/E50
- HE38ZEP/E50



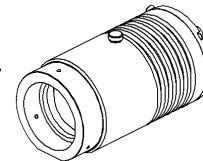
Focus Motor*

- PS3H122S15



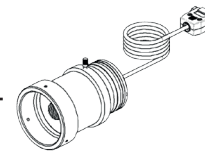
Brightfield

- LDB101FNI
- LDP100FNI



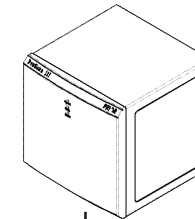
Focus Motor*

- PS3H122R + H2531



Controllers

- ES10ZE
- V31XYZE
- V31F
- V31XYZEF



Joystick Control Unit

- PS3J100



* There are two possible focus motors for the AZI100, depending on which focus needs to be automated.

Contact Prior Scientific for more information and advice.



NIKON METROLOGY STRATEGIC PARTNER

Product	Details
ES10ZE	Focus only controller
H101ZEP/E50	H101A stage with 2mm screw pitch and 200 step motor
H101E1AZEP	H101F flat top stage with 1 mm screw pitch, 200 step motors and encoders
H101P1AZEP	H101F flat top stage with 1mm screw pitch and 400 step motors.
H101P2AZEP	H101F flat top stage with 2mm screw pitch and 200 step motors.
H101E2AZEP	H101F flat top stage with 2 mm screw pitch and 200 step motors and encoders.
H1P4ZEP/E50	H101A stage with 1 mm screw pitch and 400 step motor
H138ZEP/E50	H138A Eight slide holding stage with 200 step motor and 2mm ball screw
HE38ZEP/E50	H138A Eight slide holding stage with 200 step motor and 2mm ball screw and encoders
HEP4ZEP/E50	H101A stage with 1mm screw pitch, 400 step motor and encoders
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
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
H253I	Adapter for PS3H122R to fit to AZ100
H3848	Adapter allowing conventional sample holders to be fitted to flat top stages
H473UP	Universal sample holder
L200	Metal Halide Illumination Source
L200P	Metal Halide Illumination Source (controllable via ProScan) with integral variable aperture shutter and six position filter wheel.
L200S	Metal Halide Illumination Source with integral shutter.
L220	Metal Halide Illumination Source with extended UV/IR wavelengths
L220P	Metal Halide Illumination Source (controllable via ProScan) with integral variable aperture shutter and six position filter wheel, with extended UV/IR wavelengths.
L220S	Metal Halide Illumination Source with integral shutter with extended UV/IR wavelengths
NZ200F	NanoScanZ (adapted for flat top stage)
PL200	Slide Loader
PL228	Bevel edged sample holder for "1 x 3" slides. Includes 4 slide racks for 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
PL101ZEP/E50	H101A stage for use with slide loader
PLE01ZEP/E50	Encoded H101A stage for use with Slide Loader (use with PL228 only)
PS3H122R	Generic focus drive with rotating cable system to prevent twisting
PS3H122RS15	Focus motor adapted for AZ100
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 a Nikon AZ100 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.

* There are two possible focus motors for the AZ100, depending on which focus needs to be automated. **Contact Prior Scientific for more information and advice.**



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