

# ZEISS AXIO OBSERVER Z.1 PALM LASER MICRODISSESTION SYSTEM

X-Cite series 120

## LASERS:

365nm  
470 nm  
555 nm  
625 nm

Colibri 2

## PALM MicroBeam:

Laser Catapult for contamination-free sample isolation

Microdissection and analysis for DNA, RNA, and protein isolation- from fixed material or live cells

## Motorized Stage:

Navigator view

Position Capabilities

## LENSES:

Magnification	NA	WD (mm)	Coverslip thickness (mm)	Brightfield	DIC Contrast	Lens
5x	0.25	12.5	0.17	Yes	No	FLUAR
10x	0.5	1.6	0.17	Yes	DIC II	FLUAR
20x	0.4	0.75	0.17	Yes	DIC II	LD Plan-NEOFLUAR
40x	0.6	0.75	0.17	Yes	DIC II	LD Plan-NEOFLUAR
63x oil	1.4	0.14	0.17	Yes	DIC II	Plan APOCHROMAT
100x oil	1.3	0.20	0.17	Yes	DIC III	EC Plan-NEOFLUAR

## BRIGHTFIELD/REFLECTORS:

Position. 01	100% mirror TL
Position. 02	38 He GFP
Position. 03	43 He DsRed
Position. 04	49 DAPI
Position. 05	50 Cy5

## SOFTWARE:

Axiovision Rel.48

PalmRobo