

# ZEISS LSM 880 LASER SCANNING CONFOCAL MICROSCOPE with Airyscan- Super Resolution Imaging Technology

Axio Imager Z.2  
X-Cite 120 LED Boost

## LASERS:

Argon 458/488 nm  
HeNe 548 nm  
HeNe 633 nm  
DAPI 405nm

**Regulated Environment Chamber:**  
Temperature, CO2, Humidity

## LENSES:

Magnification	NA	WD (mm)	Coverslip thickness (mm)	Brightfield	DIC Contrast	Lens	Resolution (µm)
10x	0.45	5.6	0.17	Yes	II	Plan APOCHROMAT	0.74
20x	0.8	0.21	0.17	Yes	II	Plan APOCHROMAT	0.42
40x oil	1.4	1.3	0.17	Yes	III	Plan APOCHROMAT	0.24
63x oil	1.4	1.4	0.17	Yes	II/III	Plan APOCHROMAT	0.24
100x oil	1.4	1.46	0.17	yes	II/III	Plan APOCHROMAT	0.24

## REFLECTORS:

Position. 01	38 GFP
Position. 02	46 YFP
Position. 03	47 CFP
Position. 04	49 DAPI
Position. 05	43DsRED

## SOFTWARE:

Zen Black/ Zen Blue w Arivis  
3D for LSM  
Physiology/ Time Series