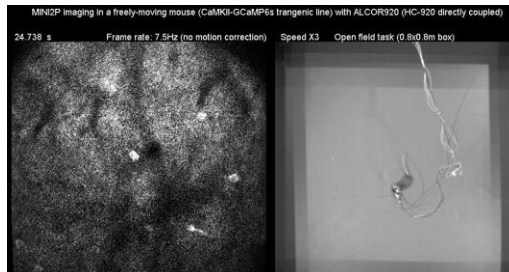


ALCOR 920-Mini2P



The turnkey laser solution for **Mini2P**

- Direct coupling of PM-hollow-core fiber with collimator
- Ready to use : no alignment required
- Inherently stable : no active alignment required
- Replaceable fiber thanks to standard fiber connectors
- Also available at **1040** or **1064** nm



Mini2P imaging in a freely moving mouse with ALCOR 920-Mini2P
(courtesy of the “Mini2P team” at NTNU, Kavli Institute)

ALCOR 920-Mini2P

General specifications*

General	ALCOR 920-Mini2P
Fiber length	2.3 +/- 0.1 m
Wavelength	920 nm (also available at 1040 or 1064 nm)
Average power	> 300 mW (Factory set power tailored for Mini2P)
Power modulation	Analog 0-5 V (1 kOhm) and TTL 0-5 V (1 kOhm)
Pulse width	< 120 fs
Group Delay Dispersion	Computer controlled from 0 to -60 000 fs ²
Repetition rate	80 MHz +/- 2 MHz
Beam parameters	
Fiber output	Collimated beam with Mini2P collimator
Ellipticity	> 0.9
M ²	< 1.3
Polarization extinction ratio	> 90 % (linear)
Dimensions and noise	
Laser head dimensions	270 x 165 x 89 mm
Acoustic noise (laser head)	0 dB (no cooling)
Acoustic noise (power supply)	< 35 dB
Options	
MB2, MB4	2 or 4 Mini2P outputs
FS	One free-space output with user defined power (factory-set)
PP80 or PP40	Software controlled repetition rate from 80 MHz (PP80) or 40 MHz (PP40) down to 0 MHz

* This information is subject to modifications without prior notice



Photo of ALCOR 920-Mini2P coupled to a miniscope
(taken by the "Mini2P team" at NTNU, Kavli Institute)