



Qlibri



Qlibri CP-Pro

Micro Cavity Platform

A highly stable scanning microcavity platform for closed-cycle cryostats, enabling strong light-matter coupling in solid state systems. Our flexible, open-cavity design supports fast, efficient sampling of thousands of emitters across a range of wavelengths and emitter types.

Performance Specs

$F > 10^5$ | $Q > 10^6$

Finesse

$V < 2\lambda^3$

Small mode volume

$\Delta\lambda > 150\text{nm}$

Broadband coatings

$< 10\text{pm}$

Ultra-low vibrations

$< 10\text{K}$

Closed-cycle cryostats

150mT

Magnetic field

Core Benefits



FULL PERFORMANCE

Get started immediately with a complete cutting-edge solution including electronics, mechanics and optics.



FULL CONTROL

Measurement and analysis modules in Python for easy and fast data acquisition and integration with your lab routines.



FULL FLEXIBILITY

Larger variety of custom and stock cavity mirrors that can easily be exchanged to maximize versatility and flexibility of your experiments.



FULL SUPPORT

Close support by experts from the design of the experiment till the publication.

Magnetic field
Upgrade available

About Qlibri

With years of experience, Qlibri enables researchers to use the power of optical micro-cavities quickly and efficiently.



Qlibri GmbH
Karlsplatz 3
80335 München
Germany

info@qlibri.eu
+49 89 24418859-0