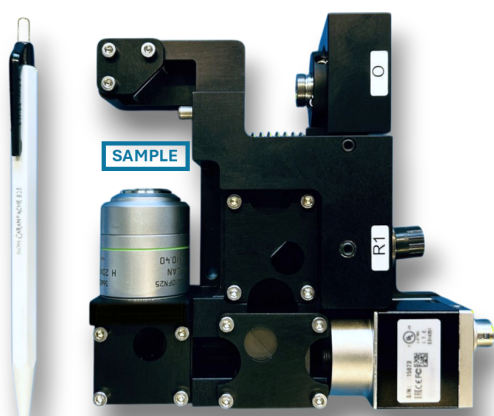


Bring Quantitative Imaging into Your Instrument

A Compact-DHM[®] module with a tiny footprint, ready to drop into your system



- **Smaller & simpler:** Single objective reduces complexity while preserving [DHM performance](#)
- **Quantitative by design:** DHM[®] phase data supports the [full application range](#) featured on our website
- **Automatic refocusing:** find the [perfect focus](#) for each sample in the 3D field of view even after the acquisition

Contact us to plan your integration

From the Lab Bench to the Deep Sea with the Compact-DHM[®]



Compact DHM[®] with its control unit (left) and integrated into the deployment vehicle (right).

Case study: automated micro-plankton imaging at depth

The [Mediterranean Institute for Advanced Studies](#) has integrated our Compact-DHM[®] into an autonomous instrument to study micro-plankton at **200 m depth**.

This project demonstrates how quickly the module can be embedded, even in extreme conditions, while delivering reliable, label-free quantitative imaging.

Partner Testimonial:

*A new perspective on ocean microbial ecology
through in-situ Digital Holography*



**Idan Tuval - Gotzon
Basterretxea - Marco Polin -**

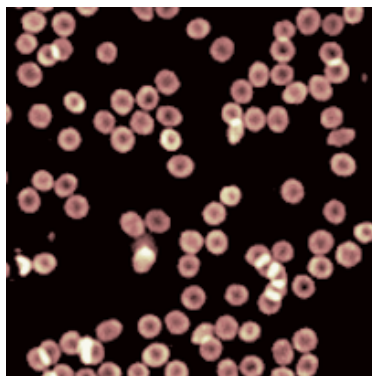
"Marine microbes drive vital ocean processes but are hard to study in natural conditions.

With Lyncée Tec's compact DHM[®], we can now observe them in 3D, in-situ, down to 200 m depth – opening new insights into climate, biodiversity, and ecosystem dynamics."

Ready for your application

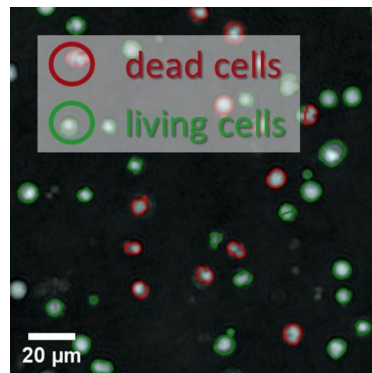
The Compact-DHM[®] supports the same core capabilities used across most of the standard applications we showcase online:

Microfluidics



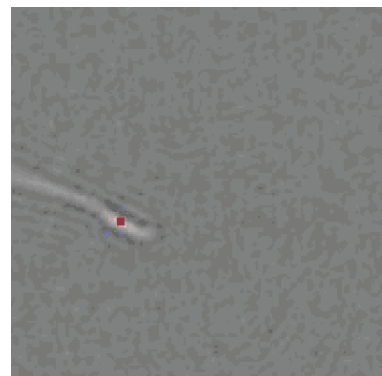
Quantify cells flowing through a channel

Viability



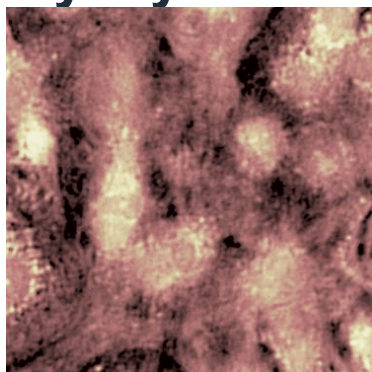
Calculate T cell viability without labels

4D tracking

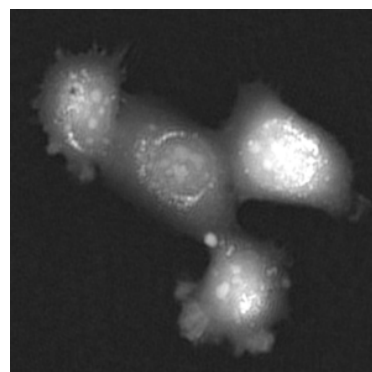


Track sperm cells and bacteria in 4D

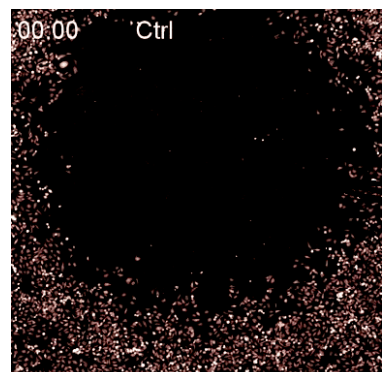
Cardio-myocytes



Morphology



Migration



Assess mechanical
contraction of sensitive
cells

Investigate
morphology through
cell based assays

Quantify cell migration
under different
treatments

More application examples



Join our DHM users' forest of more than [11'000 trees!](#)

For any DHM® purchase based on a remote live-demo, Lyncée commits to [plant trees](#) through the non-profit organization [OneTreePlanted](#)



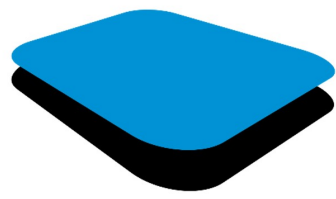
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Proudly manufactured by us in Switzerland.

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products remotely?

Book a live demo now

**Contact us or book a
live demo**

Lyncée is now part of Park Systems



Lyncée tec



[Lyncée Tec](#) is proud to have joined [Park Systems](#), the global leader in nanometrology.

This synergy drives our commitment to pioneering nanoscale metrology systems and expanding access to advanced microscopy worldwide.

✓ Stay informed on the latest news and developments from DHM.

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Lyncée Tec

Innovation park, Bâtiment A, 1015, Lausanne, Switzerland

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