

PROBE SELECTION

An overview of probes for
Optics11 Life Nanoindenters





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Please see our website
for more information
about our products

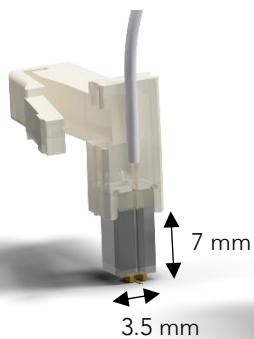
PROBES

Tip sizes, cantilever stiffness, and type

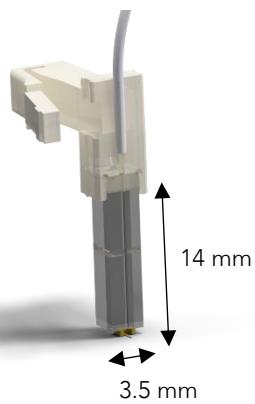
Available tip sizes							Stiffness range		Stiffness range	
3 10 25 50 100 250 μm							0.025	N/m	10 pa	– 18 kPa
3 10 25 50 100* 250* μm							0.5	N/m	200 Pa	– 360 kPa
3 10 25 50 100 250 μm							3.5	N/m	1.4 kPa	– 2.5 MPa
3 10 25 50 100* 250* μm							5	N/m	2 kPa	– 3.6 MPa
3 10 25 50 100* 250* μm							50	N/m	18 kPa	– 36 MPa
3 10* 25* 50* 100* 250* μm							150-200	N/m	54 kPa	– 72 MPa

* Only available for
single/double ferrule probes;
not for Pavone probes.

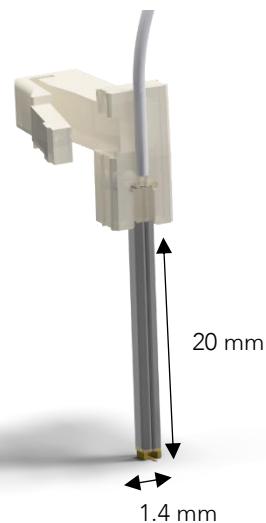
Single-ferrule
(Piuma/Chiaro)



Double-ferrule
(Piuma/Chiaro)



Well plate
(Pavone)



Single-ferrule probes are compatible with 35 mm Petri dishes or larger.

Double-ferrule probes are compatible with 6 well plates.

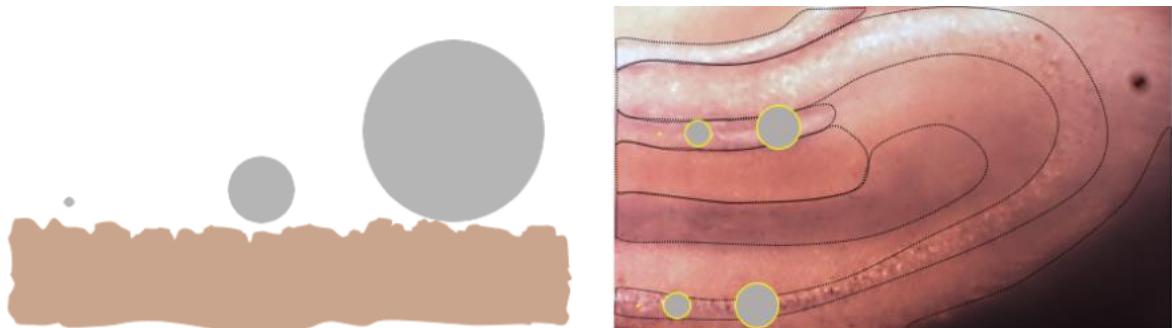
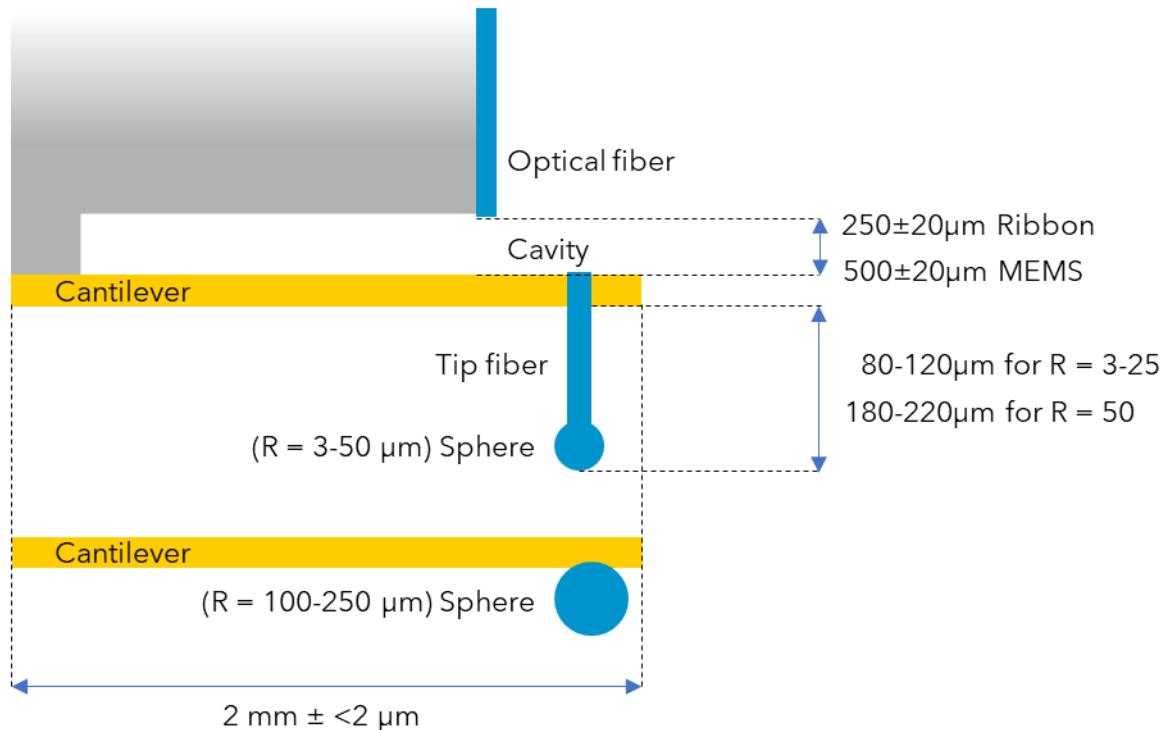
Pavone probes are compatible with up to a 384 well plate.

Check out our [Optics11 Life probe webshop](#)
for all available probes.



PROBES

Tip variations and morphology



Keep the morphology of your sample in mind when selecting the tip size of the probe. Is your sample **flat** or **uneven**? Is your sample **porous**? Do you want to measure the **local** or **regional** properties of your sample?