

Product Information

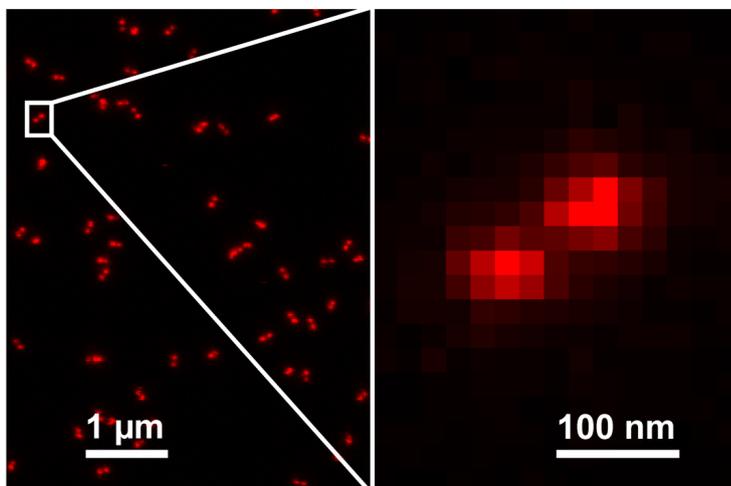
GATTA-STED nanoruler

Test and push the resolution of your STED microscope

Being the first super-resolution microscopy technique the STED method revolutionized the light microscopy. With the nanorulers from the GATTA-STED series now adequate calibration samples are finally available.

The single color nanorulers carry two fluorescent marks out of dense arrangements of the high quantum yield dye ATTO 647N. We offer the mark-to-mark distances in the sizes 50 nm, 70 nm, 90 nm and 120 nm. In addition we offer a new design containing three emitting points with two different fluorophores which allows the acquisition of very eye-catching images. The multicolor nanoruler with three emitting points is available with the size of 140 nm (ATTO 647N & ATTO 594).

On request we can also design special solutions for your specific requirements. All probes will be delivered on a sealed glass slide which you can comfortably put directly on your microscope.



GATTA-STED 90R

Super-resolution image and zoom in of a GATTA-STED 90R nanoruler (measured on a PicoQuant MicroTime 200 STED System)



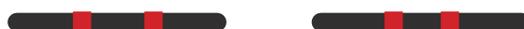
Product properties

GATTA-STED nanoruler

Resolve single-color nanorulers on y our STED system.



	STED 120R	STED 90R
Color	red	red
Fluorophore	ATTO 647N	ATTO 647N
Recommended laser source	630–650 nm	630–650 nm
Surface density	$\approx 1/\mu\text{m}^2$	$\approx 1/\mu\text{m}^2$
Distance	120 nm	90 nm



	STED 70R	STED 50R
Color	red	red
Fluorophore	ATTO 647N	ATTO 647N
Recommended laser source	630–650 nm	630–650 nm
Surface density	$\approx 1/\mu\text{m}^2$	$\approx 1/\mu\text{m}^2$
Distance	70 nm	50 nm

Product properties

GATTA-STED nanoruler

Resolve multicolor nanorulers on your STED system.



	STED 140ROR
Color	red - orange - red
Fluorophore	ATTO 647N ATTO 594
Recommended laser source	630–650 nm 565–610 nm
Surface density	≈ 1/μm ²
Distance	red–orange 70 nm red–red 140 nm

Need support?

Contact

In the case that you should need further assistance please feel free to contact us.
We are happy to help.

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