

Pulse Compressor

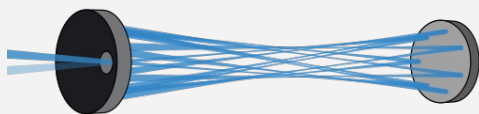
Ready-to-go pulse shortening



TECHNOLOGY

Our Multipass Compressor is combining a 2-step process for spectral broadening and temporal compression in one module:

Step 1: Spectral broadening



Step 2: Temporal compression



FEATURES

- Over 90 % transmission
- 24/7 operation
- Low maintenance
- Small footprint: 60 x 27 cm²
- Live Diagnostics with CellViewer



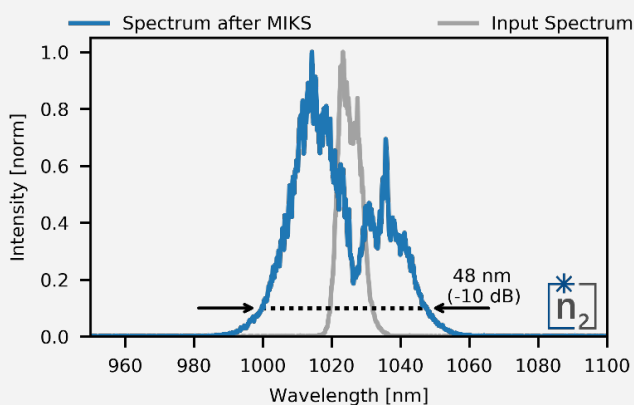
Apple as
Size Reference
of MIKS

SPECIFICATIONS

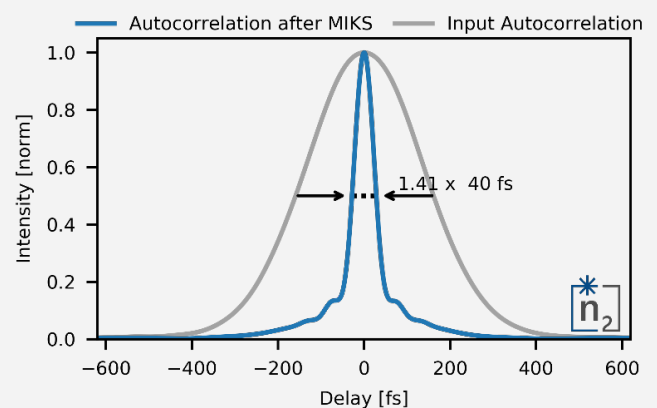
Versions	MIKS1S	MIKS1M	MIKS1L	MIKS12
Input energy	1 - 200 μ J	200 - 500 μ J	500 μ J - 4 mJ	50 - 300 μ J
Input pulse duration	200 fs - 3 ps			
Maximum average power	Up to 100 W (HP-version: >50 W)			
Compression factor	Up to 10 x			15 - 35 x
Efficiency	> 90 %			> 80 %
Output pulse duration	< 45 fs			< 10 fs
Beam positional stability	< 1 % of beam diameter			
Average power stability	< 0.5 % RMS			
Footprint	35 x 25 cm ² 	60 x 27 cm ² 	<250 x 25 cm ² 	80 x 80 cm ²

SPECTRUM & PULSE DURATION

Input vs. output spectrum



Input vs. output autocorrelation



Questions or customization needed?

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**PHOTO
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