

## AURORA-3P-DATASHEET

Parameter	AURORA-3P	
Tuning range	1250 - 1800nm	
Typical output wavelength (switchable output)	1300nm	1700nm
Pulse duration <sup>1)</sup>	< 55fs	< 65fs
Repetition rate <sup>2)</sup>	Single pulse - 1MHz	
GDD control range <sup>3)</sup>	-4000 ~ +9000fs <sup>2</sup>	-12000 ~ +3000fs <sup>2</sup>
Output power <sup>4)</sup>	> 1100mW @ 1MHz	> 600mW @ 1MHz
Beam quality M <sup>2</sup>	M <sup>2</sup> < 1.2	
Beam diameter <sup>5)</sup>	2 - 4mm	
Beam divergence angle	< 1mrad	
Beam ellipticity	> 0.8	
Pulse power stability <sup>6)</sup>	<1% RMS @ 24h	
Pulse energy stability <sup>6)</sup>	<1% RMS @ 1min	
Dimensions	790 × 545 × 240mm (L×W×H)	
Weight	85kg	

### Expansion Options

Optional extended output	700 - 900nm
Remaining weight	24kg (Water-cooled machine)
Power supply requirements	500W
Power supply requirements for the water-cooled machine	Water cooler 1, 1260W; Water cooler 2, 1020W