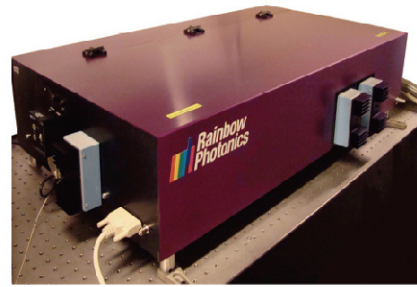


新势力光电供应太赫兹光源，频谱范围 1-20THz、窄带宽 <100GHz。该太赫兹光源由泵浦激光器、光参量振荡器、太赫兹差频发生器构成。



Specifications	TeraTune
Tunable frequency	
Frequency range	1-20THz
Pulse bandwidth	<100GHz
Repetition rate	100Hz
Average power	1-10μW
Pulse energy	10-100nJ
Polarization	linear
OPO: Optical Parametric Oscillator	
Tuning range	1330-1480nm
Linewidth	<100GHz
Repetition rate	100Hz
Pulse duration	7-10ns
Energy per pulse	>10mJ
Peak power	>1.4MW
Nd: YAG pump laser 100Hz	
Pulse width	10ns
Pulse energy	>125mJ@532nm
Divergence	0.5mrad
Beam quality	M2<2
Energy stability	<1%
Beam diameter	5mm
Linewidth	90MHz
Power consumption	<2.5KW
Dimensions	40×25×18mm ³
Physics	
Dimensions of TeraTune	900×500×180mm ³
Dimensions of Laser power supply	300×450×450mm ³

激光器

光学测量

光学元件

太赫兹系统

▶ 太赫兹系统

太赫兹元件