



Theotech

Theotech Co., Ltd.

## Femtosecond Laser Typ.50fs >50nJ

飞秒激光器 Typ50fs >50nJ

### Technical Parameters 技术参数

| Part No. 产品型号                                   | TFS-50                           |
|-------------------------------------------------|----------------------------------|
| Central Wavelength (nm)<br>中心波长                 | 1055±15                          |
| 10 dB Spectral Width (nm)<br>10 dB 光谱线宽         | >80, typ. 95                     |
| Repetition Rate (MHz)<br>重复频率                   | 22 ± 0.5                         |
| Pulse Width (fs)<br>脉冲宽度                        | <80, typ. 50                     |
| Chirp<br>啾啾                                     | Customizable design<br>可根据用户要求设计 |
| Maximum Chirped Pulse Duration (ps)<br>最大啾啾脉冲宽度 | >5                               |
| Average Power (mW)<br>平均功率                      | >500                             |
| Pulse Energy (nJ)<br>单脉冲能量                      | >50                              |
| Polarization<br>偏振特性                            | Linear<br>100: 1                 |
| Beam Quality (M <sup>2</sup> )<br>光束质量          | <1.2                             |
| Connector<br>接头                                 | Customizable design<br>可根据用户要求设计 |
| Operating Temperature (°C)<br>工作温度              | 15~35                            |
| Storage Temperature (°C)<br>存储温度                | 0~60                             |
| Power Supply<br>电源输入                            | 100-240 VAC, 50/60Hz             |
| Power Dimensions(WxHxL,mm)<br>控制电源尺寸            | 180x120x400                      |
| Laser Head Dimensions(WxHxL,mm)<br>激光头尺寸        | 450x130x580                      |

