








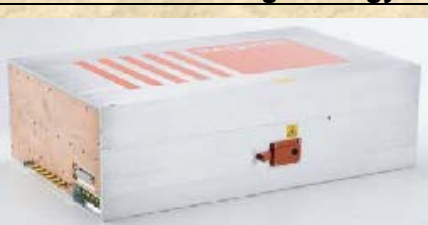


## Quality of Excellence, presented by Sintec Optronics

### 1. Pico- & Femto-Second Lasers

<b>STGS series PM Pico-second Pulsed Fiber Lasers</b>		
	<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>Gain-switching seed laser</li> <li>All-fiber system</li> <li>5W @ 1064nm and 500kHz</li> <li>Repetition rate: 50-500kHz</li> <li>Single pulse energy up to 10uJ</li> <li>Beam quality M2&lt;1.3</li> <li>Cost effective</li> </ul>	<p><b>Applications:</b> High performance makes this laser suitable for:</p> <ul style="list-style-type: none"> <li>LED wafer scribing</li> <li>Ultrafast material processing.</li> </ul>
<b>STOF-PL Series Laser Diode System</b>		
	<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>High pulse quality – no satellite pulse and minimized pulse tail</li> <li>Variable pulse repetition rate – single shot to 100 MHz</li> <li>Pulse on demand</li> <li>Wavelengths from 375 – 2000 nm</li> <li>High repeatability and 24/7 operation</li> </ul>	<ul style="list-style-type: none"> <li>Compact, dust-sealed OEM package</li> <li>External and internal trigger</li> <li>Simple user interface</li> <li>Plug &amp; play</li> <li>Air cooled</li> <li>Remote control</li> </ul> <p>Maintenance free – no user-serviceable parts inside or outside laser</p>
<b>STOF-GK series Pico-second Lasers</b>		
	<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>Pedestal-free high quality pulses</li> <li>Clean and narrow optical spectrum – no ripple</li> <li>Very low amplitude and phase noise</li> <li>No amplifier built in – no ASE noise</li> <li>Diffraction limited beam</li> <li>High repeatability and 24/7 operation</li> <li>Plug &amp; play</li> </ul>	<ul style="list-style-type: none"> <li>Compact, dust-sealed OEM package</li> <li>Passively air cooled – no water cooling</li> <li>Low power consumption</li> <li>Remote control</li> <li>One-button operation – no adjustment knobs or screws</li> <li>Maintenance free – no user-serviceable parts inside or outside laser</li> </ul>
<b>STOF-GK series High Power Pico-second Lasers</b>		
	<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>Pedestal-free high quality pulses</li> <li>Clean optical spectrum – no spectral ripple</li> <li>Low amplitude and phase noise</li> <li>No amplifier built in – no ASE noise</li> <li>High repeatability and 24/7 operation</li> <li>Compact, dust-sealed OEM package</li> <li>Plug &amp; play</li> </ul>	<ul style="list-style-type: none"> <li>Lightweight – mountable in any orientation</li> <li>Low power consumption</li> <li>Remote control</li> <li>One-button operation – no adjustment knobs or screws</li> <li>Maintenance free – no user-serviceable parts inside or outside laser</li> </ul>
<b>STOF-KT Series Pico-second Lasers</b>		
	<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>Variable pulse repetition rate</li> <li>Pulse on demand – trigger input</li> <li>High pulse quality</li> <li>Narrow optical spectrum</li> <li>High repeatability and 24/7 operation</li> <li>Compact, dust-sealed OEM package</li> <li>Lightweight – mountable in any direction</li> </ul>	<ul style="list-style-type: none"> <li>Air cooled – no water cooling</li> <li>Low power consumption</li> <li>Remote control</li> <li>Plug &amp; play – one-button operation – no adjustment knobs or screws</li> <li>Maintenance free – no user-serviceable parts inside or outside laser</li> </ul>
<b>STOF-KT Series High Power Pico-second Lasers</b>		
	<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>Variable pulse repetition rate</li> <li>Pulse on demand / burst mode</li> <li>High pulse quality</li> <li>Narrow optical spectrum</li> <li>High repeatability and 24/7 operation</li> <li>Compact, dust-sealed OEM package</li> </ul>	<ul style="list-style-type: none"> <li>Air cooled</li> <li>Remote control</li> <li>Plug &amp; play – one-button operation no adjustment knobs or screws</li> <li>Maintenance free – no user-serviceable parts inside or outside laser</li> </ul>

<b>STOF-KT Series High Energy Pico-second Lasers</b>		
	<b>Features:</b> <ul style="list-style-type: none"> <li>• Variable pulse repetition rate</li> <li>• Trigger input</li> <li>• Diffraction limited beam</li> <li>• Narrow optical spectrum</li> <li>• No ASE background</li> <li>• High repeatability and 24/7 operation</li> <li>• Lightweight – mountable in any direction</li> </ul>	<ul style="list-style-type: none"> <li>• Compact, dust-sealed OEM package</li> <li>• Complete remote control</li> <li>• Plug &amp; play – one-button operation no adjustment knobs or screws</li> <li>• Maintenance free – no user-serviceable parts inside or outside laser</li> </ul>
<b>STOF-OG Series Femto-second Lasers</b>		
	<b>Features:</b> <ul style="list-style-type: none"> <li>• Excellent pulse quality – pedestal-free transform-limited soliton pulses</li> <li>• Clean sech<sup>2</sup>-shaped optical spectrum</li> <li>• No Kelly-sidebands – no spectral ripple</li> <li>• Diffraction-limited beam quality</li> <li>• Lowest phase noise and timing jitter available on market</li> <li>• Shot noise limited relative intensity noise</li> <li>• No amplifier built in – no ASE noise</li> </ul>	<ul style="list-style-type: none"> <li>• High repeatability and 24/7 operation</li> <li>• Compact, dust-sealed OEM package</li> <li>• Plug &amp; play</li> <li>• Passively air cooled – no water cooling</li> <li>• Low power consumption</li> <li>• Remote control</li> <li>• One-button operation – no adjustment knobs or screws</li> <li>• Maintenance free – no user-serviceable parts inside or outside laser</li> </ul>
<b>STOF-OG Series High Power Femto-second Lasers</b>		
	<b>Features:</b> <ul style="list-style-type: none"> <li>• Excellent pulse quality – pedestal-free transform-limited soliton pulses</li> <li>• Clean sech<sup>2</sup>-shaped optical spectrum</li> <li>• No Kelly-sidebands – no spectral ripple</li> <li>• Diffraction-limited beam quality</li> <li>• Low amplitude and phase noise</li> <li>• No amplifier built in – no ASE noise</li> <li>• High repeatability and 24/7 operation</li> </ul>	<ul style="list-style-type: none"> <li>• Compact, dust-sealed OEM package</li> <li>• Plug &amp; play</li> <li>• Air cooled – no water cooling</li> <li>• Low power consumption</li> <li>• Remote control</li> <li>• One-button operation – no adjustment knobs or screws</li> <li>• Maintenance free – no user-serviceable parts inside or outside laser</li> </ul>
<b>STOF-OG Series High Energy Femto-second Lasers</b>		
	<b>Features:</b> <ul style="list-style-type: none"> <li>• Excellent pulse quality</li> <li>• Close to diffraction-limited beam quality</li> <li>• Low ASE background</li> <li>• Burst mode</li> <li>• Variable repetition rate</li> <li>• Variable pulse energy</li> <li>• High repeatability and 24/7 operation</li> <li>• Complete remote control / user interface</li> </ul>	<ul style="list-style-type: none"> <li>• One-button operation</li> <li>• Plug &amp; play – no installation required</li> <li>• Compact, dust-sealed OEM package</li> <li>• Lightweight – mountable in any direction</li> <li>• Low power consumption</li> <li>• Closed-loop chiller included</li> <li>• Maintenance free – no user-serviceable parts inside or outside laser</li> </ul>

## 2. Special Offer:

- Galvo 6880 @\$745,
- lamp ST9762 @\$170,
- Q-switch QS041-10G-IN2 @\$520,
- f-theta lens STSL-10.6-175-249 @\$280,
- And more <http://www.SintecOptronics.com/SpecialOffer.asp>

Sintec Optronics is participating the laser fairs, please come and talk to us about how our design and manufacturing expertise can work for you.

-Laser World of Photonics, Munich Germany, 13-16 May 2013, Booth No. C1.608/3

-MetalTech Malaysia 2013, Kuala Lumpur Malaysia, 21-25 May 2013, Booth No. 3343

-Laser World of Photonics, Mumbai India, 12-14 November 2013, Booth No.E05 Hall No.6

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