





SWISS MADE



The Genki XP platform pushes industrialization of high energy and high power **picosecond** lasers further. The system is based on the ultrastable Genki seed laser and provides clean pulses shorter than **10 ps**, which is an optimal pulse duration window for many micromachining applications. To satisfy the increasing demand of picosecond laser workstations, the Genki XP has been optimized to provide up to **100 W** of average power and **300 \muJ** pulse energy at the industry-standard wavelengths of **1030 and 1064 nm**. The laser can be tailored to work at lower repetition rates with even higher energies or at several MHz to follow high-speed automated processes. The Genki XP has been designed for the easiest and most cost-effective possible system integration can be mounted in any direction and offers full remote control capability.

OPTIONS:

- + Green 532 nm
- + UVA 355 nm
- + UVC 266 nm
- + Synchronization to external clock

MAIN APPLICATIONS:

- + Material processing
- + Glass and sapphire cutting
- + Plasma generation
- + Nonlinear optics

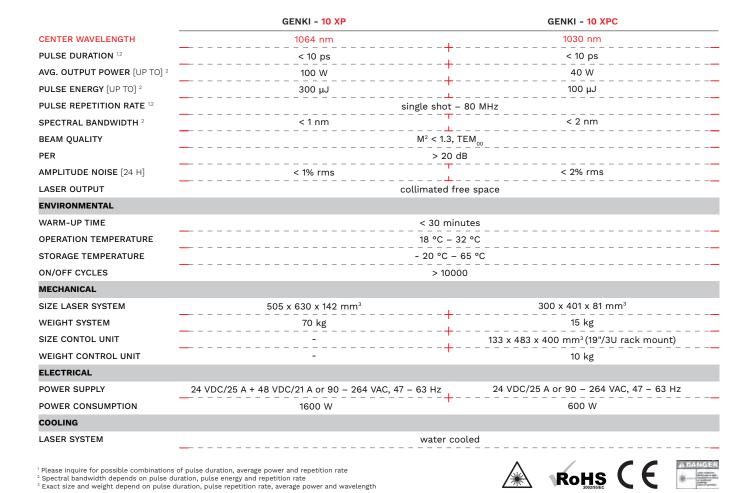
OUTSTANDING FEATURES:

- + Pulse energy up to 300 μJ
- + High pulse quality
- + Narrow spectral width
- + Excellent energy and pointing stability
- + Mountable in any direction
- + Maintenance free no alignment required
- + Complete remote control
- + Burst mode
- + 24/7 operation



Specifications subject to change without notice, May 2017

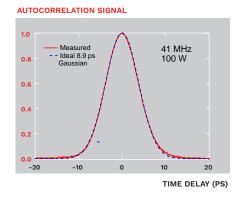
ISO 9001 : 2008 ISO 13485 : 2012

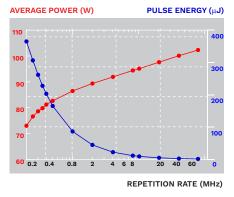




OUTPUT POWER AND PULSE ENERGY

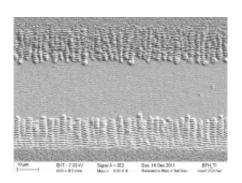
BEAM PROFILE







APPLICATION







P2 scribe on Mo/CIGS/IZO thin film solar module realized with the Genki XP, 4W, 10 kHz, 1064 nm.

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