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PRESS RELEASE
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X-1100 high-intensity pulsed light system

The XENON X-1100 is the only low-cost benchtop Pulsed Light system that enables researchers to more easily characterize new processes using XENON's proven technology.

Researchers and scientists at R&D laboratories around the world have a new tool to experiment with high-intensity Pulsed Light. This ability to deliver high-peak optical power in fractions of a second is an enabler for new innovation in a diverse range of technologies, markets and research areas.

The X-1100 is a low-cost benchtop research tool that boasts powerful performance and functionality, yet is easy to use. Applications that require intense light, such as photonic curing, sterilization and sintering can benefit from the broadband photonic source offered by the X-1100. This compact system allows users to experiment with Pulsed Light in small area applications with the confidence in reusing the configuration data in defining larger scale or production systems offered by XENON.

The X-1100 delivers light with a broad continuous spectrum which includes deep ultraviolet, visible and far infrared making it an ideal tool for challenging photonic applications where either high photon energies in the UV region or broad solar-like light is required. The X-1100 generates high-intensity Pulsed Light which is precisely controlled. The system allows adjustment of the pulse peak radiant power and the duration. The system can calculate the theoretical energy set by the user and also measure the actual pulse using a built-in oscilloscope. Sequences of pulses with varying on and off times can also be created to enable more complex energy delivery schemes. Storing and retrieving these recipes, user access control and event logging are standard features of the X-1100.

For more information, contact Warsash Scientific on +61 2 9319 0122 or sales@warsash.com.au.