



PRESS RELEASE

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M Squared Lasers provide further coverage in the UV, Visible, and IR

M Squared Lasers has launched its new External Mixing Module (SolsTiS-EMM), designed to complement the award-winning 'SolsTiS', CW narrow linewidth Ti:Sapphire laser.

SolsTiS-EMM enables access to previously hard to reach wavelengths in the UV, visible and IR regions, whilst also featuring the narrow linewidth, ease of use and ultra-stable output for which SolsTiS is well-known.

This new addition now gives M Squared's SolsTiS platform unrivalled wavelength coverage from 210 nm to 3.2 μm , achieved through a variety of extensions which feature doubling, sum frequency and difference frequency mixing schemes.

In particular, this all-solid state, hands free solution for wavelength coverage now supersedes dye lasers, removing the hazards and instabilities associated with this toxic gain material.

SolsTiS represents a step-change in continuous-wave Ti:Sapphire laser technology. It's a super-compact system with a completely sealed, alignment-free cavity unique to M Squared Lasers. It offers hands-free operation with an unprecedented tuning range, unrivalled power, and the ultimate narrow linewidth, low noise output. Cutting-edge applications for such tuneable, narrow linewidth visible light sources include unravelling cell biology to characterising single quantum emitters in quantum computation research.

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