

Delivering 600GHz, 2.8 mW, 70GHz bandwidth...

...Into everybody's hands

Lytid strikes again with its new TeraSchottky model: more compact, more powerful, still Plug & Play, TeraSchottky remains true to the Lytid spirit.



Just 4 months ago, Lytid was asked by a group of Italian based researcher to come on board and develop an **ultra-compact**, fully integrated and **powerful** 600GHz source for **medical imaging** in clinical settings. The challenge was accepted and the result is the TeraSchottky 600 UCS (Ultra Compact Series), the most compact (130x115mm) and powerful, **fully integrated** sub-THz source on the market.

NEW - TeraSchottky multi-band

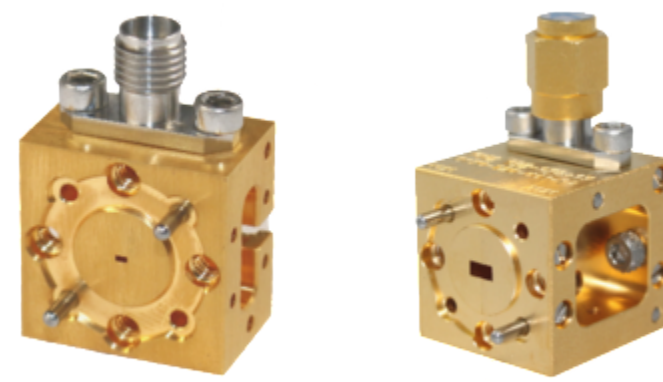
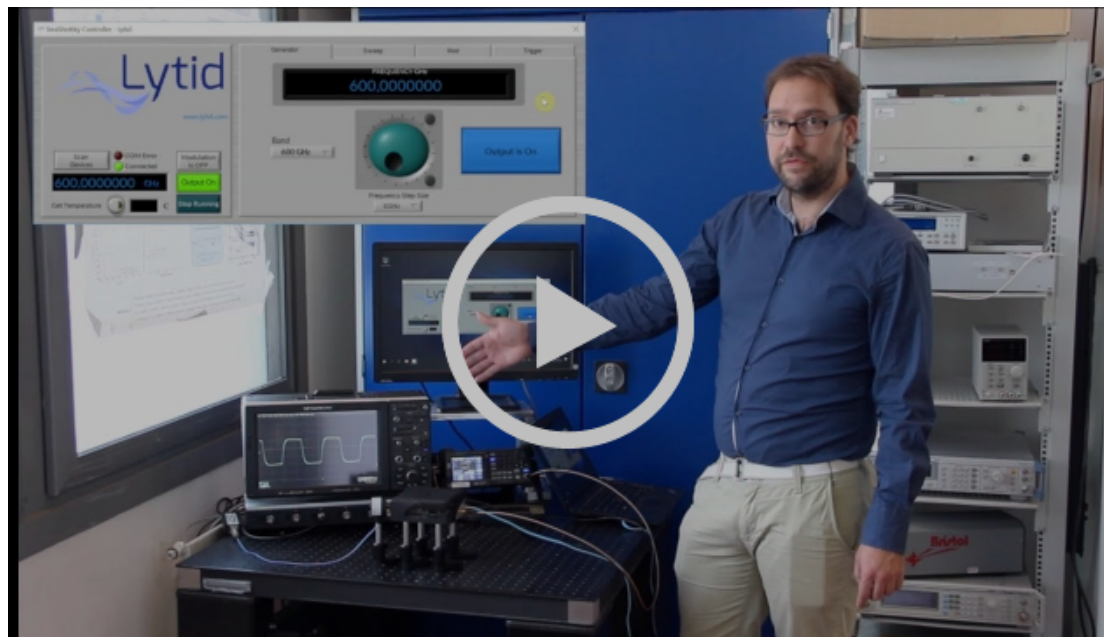
The 600 UCS has inspired our team to go on to develop another more flexible TeraSchottky model designed for labs *Now available!*



Still **high power**, still **state-of-the-art** performances, with this new model you have between either one of 4 bands: **75GHz**, **150GHz**, **300GHz** or **600GHz**. Each band provides **more than 12%** of the central frequency in **tunable range**. The system is easily upgradable: start with 75 GHz and extend progressively up to 600GHz!

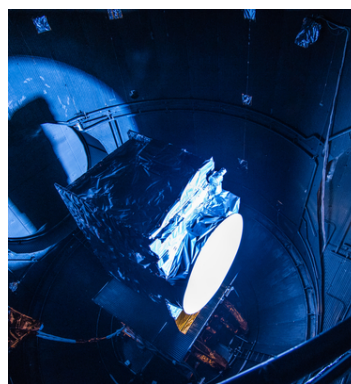
[Click here to download the brochure](#)

Discover how easy it is to use by watching the TeraSchottky tutorial video here:



Or you can acquire the components separately. With a frequency coverage of more than 12% of the central frequency, our component's **conversion efficiency** is unmatched on the market. These cutting edge sub-terahertz components will help you extend your current setup by providing **unparalleled performances** and possibilities.

[Click here to download the brochure](#)



From space to you

Over the past few years, Lytid has collaborated with some of the most prestigious **European laboratories** working on the space program "JUICE". The core of Lytid's technology is based on **state-of-the-art** planar GaAs **Schottky diode** multipliers. This, we know, will be the next standard for **science** and **industry** in the sub-THz range.

Picture: The JUICE Thermal Development Model and the Sun Simulator. Credit: ESA-M.Cowan (sci.esa.int/juice)

Come meet us at IRMMW-THz 2018 in Nagoya, Japan

Lytid will be pleased to be presenting and providing demos of its products at the **IRMMW-THz conference 2018 in Nagoya** from the **9th to the 14th of September**. Come and meet us at our booth at this major international conference. Don't hesitate to get in touch for further information or to schedule a **meeting directly with us!**



About us



Lytid is a company **dedicated to Advanced terahertz technologies** for science and industrial applications. Our products range includes plug and play and fully integrated sources ranging from 0.075 to 5 THz.

With state-of-the-art performances, our products provide **THz users** with flexible and powerful tools to explore the field of THz. The core technologies of Lytid are the THz **Quantum Cascade Laser** and THz **Schottky diodes multipliers**.