

PRESS INFORMATION

Preview for:

IPAC '17

Copenhagen, Denmark

14-19 May 2017

TMD attends International Particle Accelerator Conference (IPAC '17) for first time

- new Business Development Project enables TMD to offer revolutionary RF solid state amplifiers for latest scientific and medical applications.

In keeping with the company's successful business development expansion into different marketing fields and territories, West London based microwave and RF manufacturer TMD Technologies Limited (TMD) will be attending IPAC '17 for the very first time.

Richard Patrick, TMD's Business Development Manager said: "We chose IPAC'17 because this main annual event gives us an ideal opportunity to highlight our potential in providing cutting edge products for mainstream science - and also to network with the worldwide particle accelerator community and industry."

Richard continued: "In collaboration with the prestigious Rosatom-NIITFA organisation we are now able to offer the scientific world a range of revolutionary, ultra-available solid state RF amplifiers with a host of advanced features. These amplifiers are ideal for many applications, including synchrotrons; LINACs for scientific, experimentation/particle physics and Spallation systems; medical therapy equipment; and cyclotrons for radioisotope production – with the ability to upgrade existing systems."

Elegant designs for Big Science

TMD's modular architecture, solid state RF amplifiers employ innovative power combining methods to give a number of user benefits. The systems are very compact, typically one 19-inch rack/100 kW (pulse), with frequencies available from 20 MHz to 1.3 GHz. Operating as CW/pulse systems (with long pulse systems available) they have a wall plug efficiency competitive with tube technology.

With high MTBF and low MTTR, these highly efficient amplifiers are robustly resistant to VSWR mismatch, are easily maintainable with 'hot swap' availability, and exhibit no loss of power from any single element failure. The amplifiers can be combined to provide MW power capability.

... and More

Other products from TMD's extensive portfolio - and open for discussion at IPAC '17 – include high power, very low phase noise TWT amplifiers, brazed UHV components, and electron guns.

TMD people at IPAC'17

Richard Patrick, Business Development Manager

Imad Gharib, Sales Manager, Instrumentation Amplifiers

TMD Technologies Limited – More than 20 years at the top



TMD Technologies Ltd is one of the world's leading designers and manufacturers of specialised transmitters, amplifiers, microwave power modules (MPMs), high voltage power supplies and microwave tubes for radar, EW and communications applications. The multiple Queen's Award winning company also produces a range of advanced instrumentation microwave amplifiers for EMC testing, scientific and medical applications.

TMD Technologies, LLC, USA

TMD Technologies, LLC is the US subsidiary of TMD Technologies Ltd, set up in Baltimore, Maryland in 2013; its purpose being to provide excellent commercial and technical support to TMD's customers in the USA. The company is now well established, the product repair and service centre is up and running and its Sales and Marketing Department is engaged in new business development in the USA - for the whole range of TMD's products.

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