

PRESS INFORMATION

Preview for:

EMV 2018
Dusseldorf, Germany
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Intelligent PTCM Series TWT instrumentation amplifiers highlight TMD's advanced EMC capability - on Stand 3-411 at EMV 2018

At EMV 2018, TMD Technologies Limited, a world class, West London based manufacturer of professional microwave and RF products, will be demonstrating its proven capability in the EMC/EMV field.

Spotlight on PTCM Series

TMD's total capability is exemplified by the recently introduced PTCM Series of intelligent, modular TWT (Travelling Wave Tube) RF instrumentation amplifiers.

"This innovative product has everything", said Imad Gharib, TMD's Sales Manager, RF & Microwave Amplifiers, "offering the highest performance and a wealth of operational benefits in a compact package. It was well received at the recent MWE 2017 event in Japan, where interested visitors recognised its potential for not only EMC/EMV but many scientific, medical and other applications".

Intelligence built in...

The PTCM Series operate over a frequency range from DC to 40 GHz with a power output up to 50 kW. Of customisable 6U high rack mounting construction, they are designed to deliver the highest field strengths in the test environment. The user benefits provided by these highly intelligent amplifiers include self-test, fault diagnosis, modular plug and play replaceable printed circuit boards, Ethernet remote control and monitoring, and VSWR reflected power protection. A 'system-on-chip' (SOC) controls and synchronises all power conversion circuitry in real time, and all the monitoring, control, data logging and user interface functionality.



TMD's PTCM Series offer superior user interface and maintainability – combined with an unbeatable host of operational benefits!

Furthermore, the modular 6U system allows a number of configuration options according to customers' requirements.

Built to demanding military standards, with excellent thermal management, the PTCM Series amplifiers provide the highest MTBF.

Customised units and turnkey systems

Commented Andy Crawford, TMD's Head of After Sales and Support Worldwide: "We are very pleased to be exhibiting at the EMV exhibition again, and be part of the wide spectrum of EMC/EMV professionals attending from industry, commerce, defence and science".

Continued Andy: "Not only do we offer a full range of microwave products for EMC/EMV applications but, as part of our comprehensive support portfolio, we can supply customised units to customers' own specifications, as well as providing full turnkey systems".

TMD Technologies Limited – more than 20 years at the top of scientific and technical microwave and RF innovation



With a heritage dating back to the 1940s, TMD Technologies Limited (TMD) is a world class designer and manufacturer of professional microwave and RF products. At the company headquarters in Hayes, West London it produces specialised transmitters, amplifiers, microwave power modules (MPMs), high voltage power supplies and microwave tubes for radar, EW and communications applications. A previous twice Queen's Award winner, it 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 Limited. Based in Baltimore, Maryland, it provides complete technical and commercial support to TMD's customers in the USA, and offers a comprehensive product and repair centre. The Sales and Marketing Department is engaged in the sales of the whole range of TMD's products, as well as new business development in the States.

For further information and digital images please contact:

Heather Skinner, Publicity Manager
TMD Technologies Ltd
Tel: +44 (0)20 8581 5002
Fax: +44 (0)20 8569 1839
Email: heather.skinner@tmd.co.uk
Website: www.tmd.co.uk

Or:

Chetna Wagjiani, Publicity Assistant
TMD Technologies Ltd
Tel: +44 (0)20 8581 5116
Fax: +44 (0)20 8569 1839
Email: chetna.wagjiani@tmd.co.uk
Website: www.tmd.co.uk

TMD Technologies Limited, Swallowfield Way, Hayes, Greater London UB3 1DQ, UK