

News Release

PEM's new CWTMini50HF measures faster rise-times whilst still retaining excellent immunity to local voltage transients

PCIM Europe, Nuremberg - Hall 7-Stand 122



The accompanying image can be downloaded at [hi-res](#)

PEM's new CWTMini50HF

5th June 2018. Power Electronic Measurements (PEM UK) Ltd has launched the CWTMini50HF current probe for high-speed and high power-density power electronic applications. This higher bandwidth probe is ideal for measuring the faster current transients in today's new semiconductor technologies where faster turn on and turn off times, higher blocking voltages and smaller circuits demand, smaller, higher temperature, faster current probes.

Using Rogowski technology, the CWTMini50HF extends the high frequency capability of the CWTMiniHF range to enable measurement of rise-times as fast as 12.5 nano-seconds with a small 100mm, 3.5mm thick coil having a high frequency (-3dB) bandwidth of 50MHz and a peak di/dt capability of 80kA/ μ s. This is achieved without sacrificing the probe's excellent immunity to interference from fast local dV/dt transients.

Initially the CWTMini50HF will be available in peak current ratings of 600A and 1200A and will feature a thin 3.5mm thick coil rated for 2kV peak insulation.

About PEM

Power Electronic Measurements Ltd (PEM) is an established market leader in the design and manufacture of wide-bandwidth current measuring devices based on Rogowski technology.

Founded in 1991, PEM has pioneered the general purpose wide-band Rogowski Transducer and continues to provide state-of-the-art Rogowski transducers across a broad range of applications and industries, providing advice and support to engineers with current measurement challenges.

The company exports to over 35 countries worldwide and counts many of the world's leading engineering companies and research institutions as its customers. Offering a number of standard product ranges to meet a wide variety of customers' requirements, PEM also provides custom solutions, from one off designs to volume OEM products.

Editorial contact:

June Hulme

Power Electronic Measurements

Tel: +44 (0) 115 9469657

Mobile: +44 (0) 7712 654009

E-mail: june.hulme@pemuk.com

5th June 2018