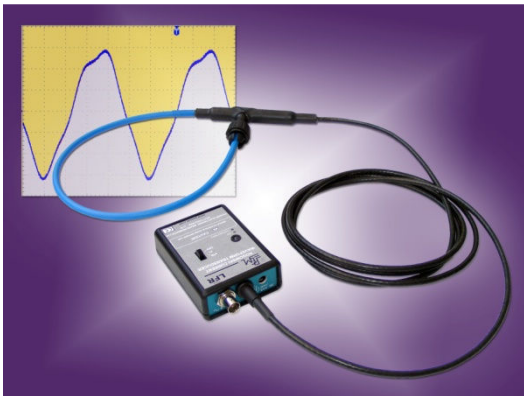


PEM will be exhibiting their wide-band, flexible, current probes at this year's

PCIM - Hall 12 Stand 648 – a complimentary ticket is enclosed
May 12th to 14th, Nuremberg, Germany.

EPE Power Electronics and Applications Conference – Booth No. 50.
September 8th to 10th, Barcelona, Spain.

New Product – the LFR



The LFR clip-around, dual range, low cost, ac current probe has market-leading low frequency performance, optimised to give minimal phase measurement error at frequencies from 45Hz to 20kHz with the lowest possible noise floor.

Typical applications include power measurement, leakage current and power quality where minimal phase error, low noise and good accuracy are key measurement criteria.

Advanced notice of new products for late 2009

Very high bandwidth, electrostatic screened Rogowski coils .

In applications where a very large transient dV/dt is in close proximity to the Rogowski coil an electrostatic screen will reduce measurement interference. The complexity is improving the immunity to dV/dt interference whilst maintaining a probe with a good high frequency bandwidth. This will be the subject of a conference paper at this year's EPE conference in Barcelona and will form the basis of a new screened range of CWT Rogowski current transducers.

A true current transformer equivalent Rogowski transducer with 0-1A or 0-5A secondary output.

- A Rogowski transducer with a thin, flexible, clip-around coil and compact DIN rail mount enclosure.
- Primary ratings 100A to 100kA
- Equivalent burden up to 15VA
- Either protection class or metering class up to class 1
- Advantages over a current transformer include
 - Intrinsically safe.
 - Thin, flexible, clip-around and very easy to install, even on live conductors. Ideal for retrofit.
 - The size of the coil can be chosen to suit the application and is not dependant on the magnitude of primary current.

Details of these new products will be available shortly at www.pemuk.com