The µMeter is a Laboratory-quality, True RMS power meter with USB interface. The RF power is measured using a IC log detector and provides accurate RMS power over a 50 dB dynamic range. Models are available from 50MHz to 14.5GHz. The device is powered from the USB interface and the power is read by a free utility running on any XP or Vista PC.

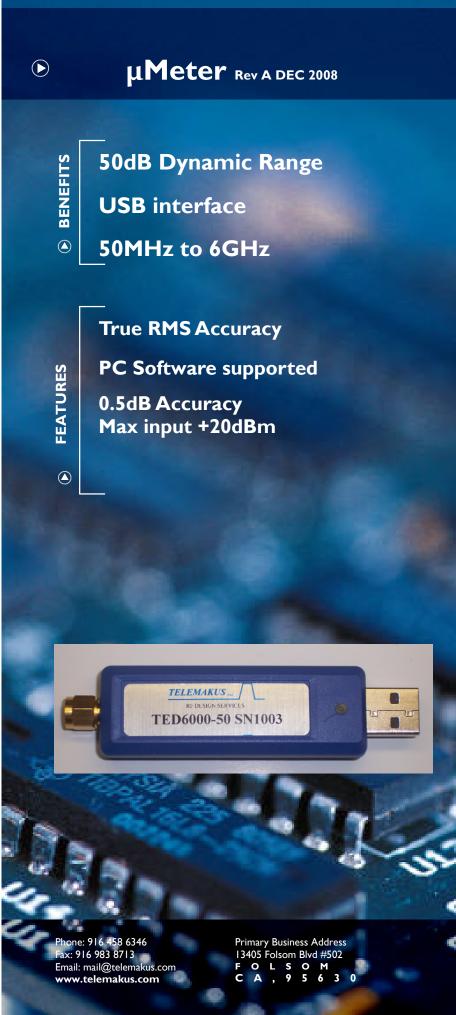
The µMeter is the smallest USB power meter available and is also priced significantly below the current market offerings.

Applications include basic power measurement but also data logging for life test or system performance monitoring were the device needs to be left unattended for long periods. The optional HUB allows the μ Meter to continue to make measurements after the host PC is removed from the system.

The uMeter also contains 0.5GB of flash memory used for calibration tables but also available for file storage and data logging. All drivers, utilities and documentation are available on the uMeter itself.

Calibration is performed at the factory and cal tables are loaded in Flash. Custom calibration tables can be loaded if greater accuracy is required at a specific frequency. No zeroing or cal standards required. Temperature correction is achieved using internal temperature sensor, also available to the user.

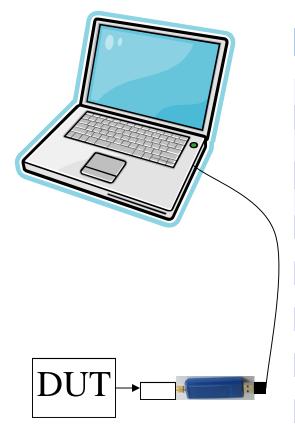






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Ordering information				
Model	Frequency	Max Input		
TED6000-50	50MHz to 6GHz	+20dBm		
TED14500-45	14-14.5GHz	+I5dBm		
TED10200-45	9.3-10.2GHz	+I5dBm		



Specifications				
Parameter	Specification			
Freq Range	50MHz to 6GHz			
Dynamic Range	50dB			
Interface	USB 2.0			
Current	I50mA @5V(TED6000-50)			
Accuracy	+/-0.5dB			
Sample Rate	I 0Hz			
RF Input Connector	SMA Male			
USB Connector	Mini A			

Environmental				
Temperature Range	-40 to +55 degC			
Not Environmentally sealed				



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