The TED14500-45 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 45 dB dynamic range. 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 TED14500-45 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 TED14500-45 to continue to make measurements after the host PC is removed from the system.

The TED14500-45 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 TED14500-45 itself.

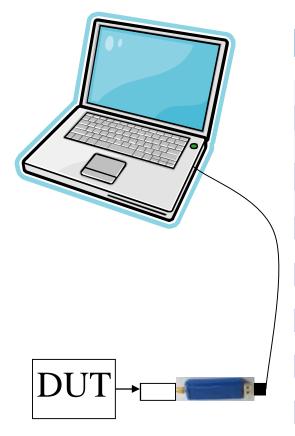
Calibration is performed at the factory and cal tables are loaded in Flash. Custom calibration tables can be loaded if greater accuracy is required at a specific frequency. No zeroing or cal standards required. Temperature correction is achieved using internal temperature sensor, also available to the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





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Specifications Specification Speci			
Parameter	Specification		
Freq Range	14GHz to 14.5GHz		
Dynamic Range	45dB		
Interface	USB 2.0		
Current	250mA		
Accuracy	+/-0.5dB		
Sample Rate	I0Hz		
RF Input Connector	SMA Male		
USB Connector	Mini A		

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



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