

Power Measurement in Air Conditioner and Compressor Capacity Testers (Calorimeters)

■ WT300E series

Power meters are installed in performance testers (calorimeters) for measuring the power used in air conditioners, where the performance of compressors and motors is crucial. In outdoor units, the compressors are driven by built-in motors, and the used power, actual cooling and heating performance, and other parameters are measured for assessing performance. The WT332E/WT333E is a 2-channel/3-channel power meter capable of measuring and displaying the three-phase voltage, current, power, power factor and other parameters. Also, the harmonic measurement function (/G5 option) can be installed to enable simultaneous measurement of harmonic components and distortion ratio (THD) together with the data of voltage, current, power, and other parameters. The generation level of harmonic current emissions, whose regulations are expected to become even more stringent in coming years, can also be evaluated simultaneously.

*Harmonic data can also be measured simultaneously with normal measurement data (/G5 option is required).

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