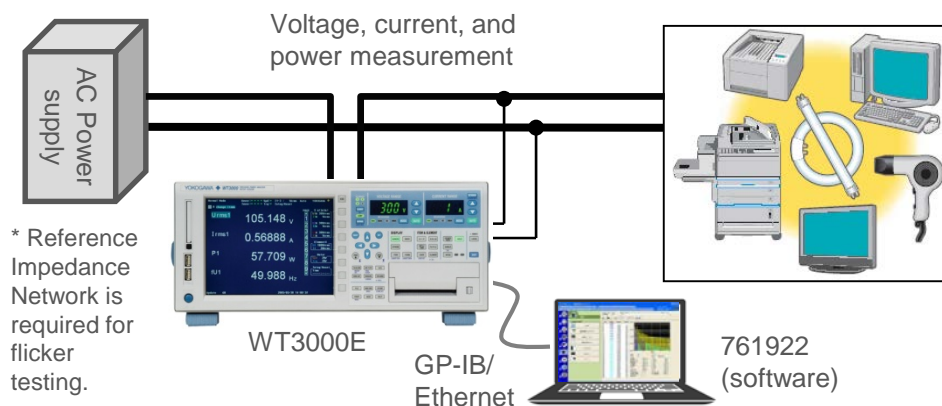


IEC Harmonic and Flicker Standards Test

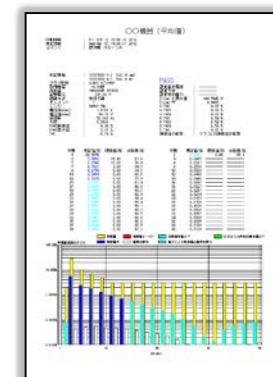
High-accuracy measurement from low to up to 30A using a single instrument

The WT3000E Precision Power Analyzer and harmonic/flicker measurement software 761922 can be used to perform IEC standards testing for the IEC/EN61000-3-2 harmonic current emissions test and IEC/EN61000-3-3 voltage fluctuation/flicker test.

This system enables high-accuracy measurement of current and power with the world's highest level of $\pm 0.04\%$ for providing superior performance when the highest accuracy calculations are required, such as for calculating the limit values of standards (25W or higher) in harmonic current emissions testing (Class C).



* Reference Impedance Network is required for flicker testing.



Test reports can be output from the standards compliance determination by following the procedure without requiring any specialized knowledge.

List of Supported Standards

Harmonic Standards Testing

IEC61000-3-2 Ed3.0, Ed3.0-am2 (up to 16 A)
 IEC61000-3-12 Ed1.0, Ed2.0 (above 16A and up to 75A)
 JISC61000-3-2 2011 (up to 20 A)
 Analyzer: IEC61000-4-7 Ed 1.0, Ed 2.0, Ed 2.0am1, JISC61000-4-7 2007

Voltage Fluctuation/Flicker Standards Testing

IEC61000-3-3 Ed 2.0, Ed 3.0 (up to 16A)
 IEC61000-3-11 Ed 1.0 (above 16A and up to 75A)
 Analyzer: IEC61000-4-15 Ed 2.0

■ WT3000E Example of models used when measuring from microcurrent to large current:

WT3002E-2A1-30A1-D/G6/FL

*/G6 option (Harmonic measurement), /FL option (Flicker measurement)

*One 2A input element and one 30A input element can be installed together.

■ Harmonic/flicker measurement software:

The software for harmonic current and flicker measurement is available as one set.

- Harmonics/flicker measurement software (761922)