Inverter	R&D,Testing/Service,Maintenance

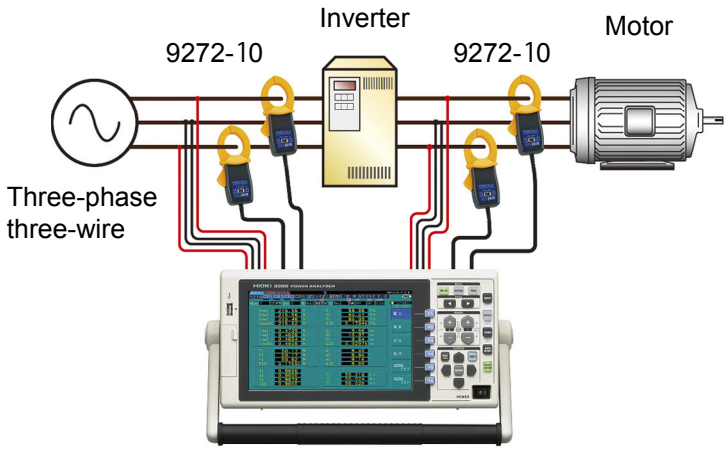
Evaluation of Input and Output Characteristics of Inverters

The 3390 Power Analyzer can perform simultaneous measurement of voltage,current, power, power factor, positive and negative (±) amounts of powerenergy, harmonic analysis, noise measurement, frequency, and inverter loss/efficiency on the primary and secondary sides of inverters.

■ Highlights

1. Use of the current sensor and connection diagram screen allow the checking of connections and input states and facilitate connections.
2. Measure the fundamental wave voltage and current values related to the motor axis output.
3. Simultaneously perform harmonic analysis and noise measurements.
4. Use of the current sensor reduces the in-phase noise effects caused by inverters when measuring power.

Connection example



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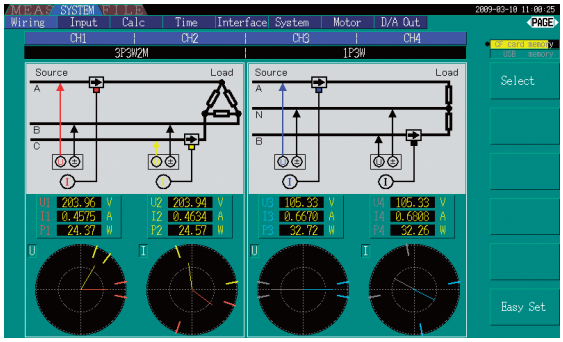
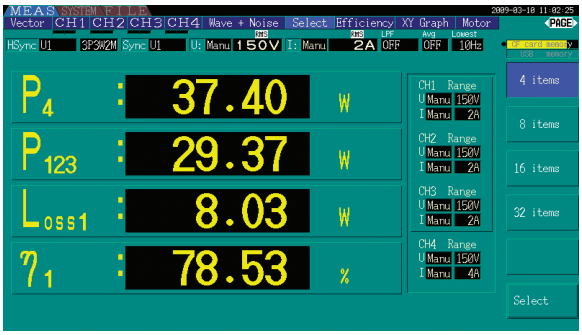
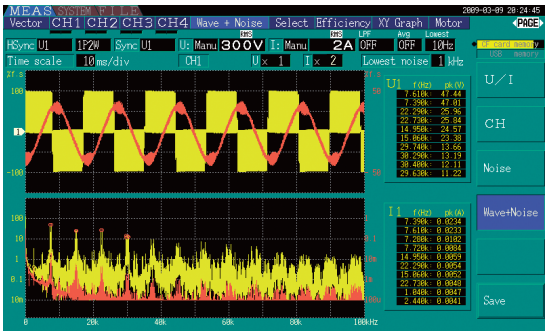


Connection diagram



Efficiency measurement



Noise measurement

Products used

Power meter： POWER ANALYZER 3390
CLAMP ON SENSOR 9272-10 x 4

Information valid as of November 2009
Specifications are subject to change and revision without notice.

S0011-E01
November 2009