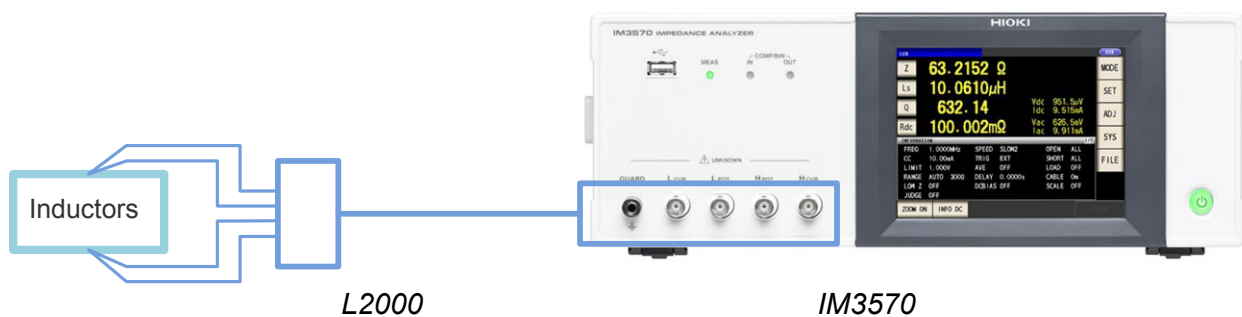


Test Inductors Characteristics (Coils and Transformers)

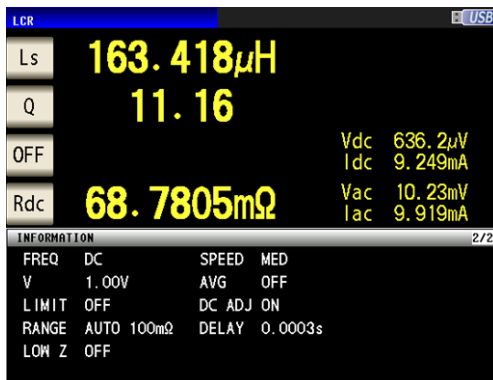
Display L-Q, Rs (effective resistance value), and DCR (direct current resistance) measurements of inductors, as well as, the current characteristic graph of a coil with an iron core on a single screen.

■ Highlights

- The IM3570 Impedance Analyzer can perform measurements in a wide range of measurement frequencies from 4 Hz to 5 MHz.
- Use with the L2000 4-terminal probe, which supports a wide range of measurement frequencies from DC to 5 MHz.
- In LCR mode, display up to 4 items including L-Q, Rs, and DCR on one screen.
Devices whose inductance value varies depending on the applied voltage are measured with constant current.
- Display current characteristics in graph format using the current sweep function in Analyzer mode.



- Perform DCR, L-Q, and Rs measurements by setting the measurement conditions in LCR mode.
- Measure current characteristics by setting the current range that is changed by the sweep function in Analyzer mode.



Display example of 3 measurement items (LCR mode)



Measurement example of current characteristics (Analyzer mode)

Products used

- IMPEDANCE ANALYZER IM3570
- FOUR-TERMINAL PROBE(DC to 5 MHz) L2000