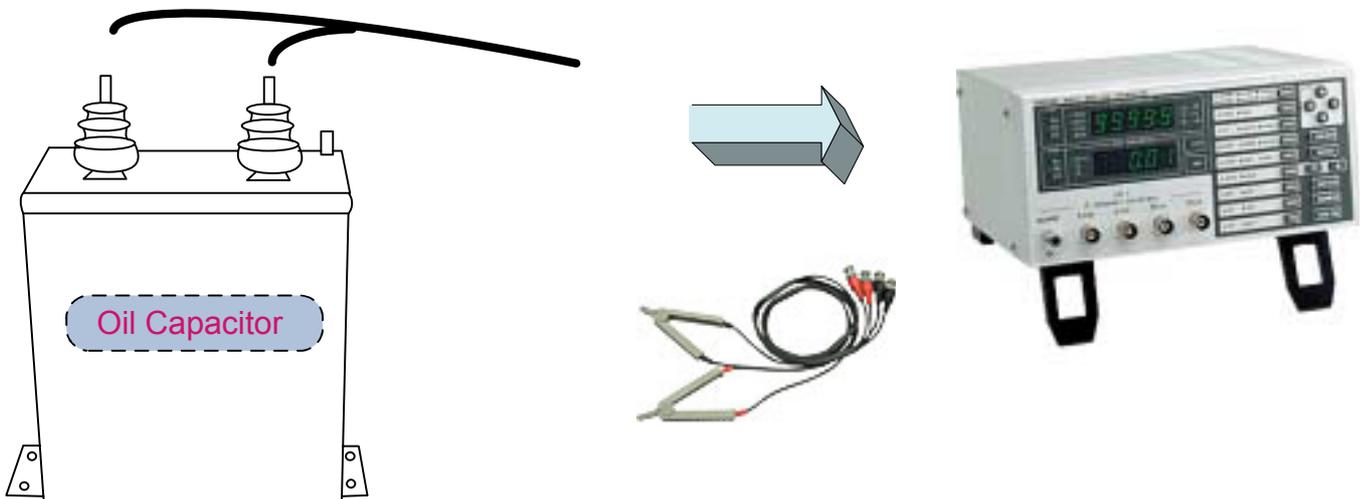
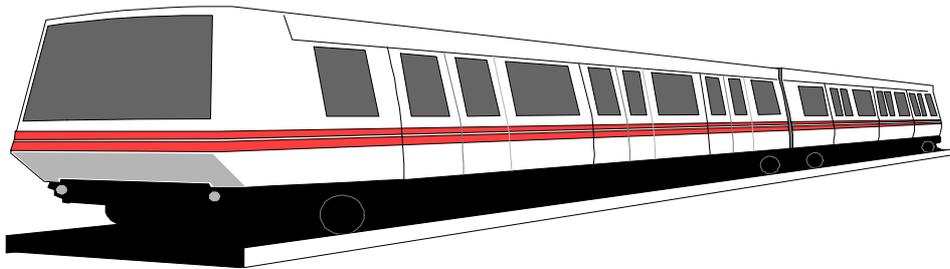


Check the Deterioration of Oil Capacitors in Train Cars

Periodically check the deterioration of the oil capacitors in the power supply system of train cars using the tangent delta values.

■ Highlights

- The C- and D-values of the capacitor can be measured simultaneously to determine the deterioration.
- C measurement (at 120 Hz): Measurement in a wide range from 9.40 pF to 999.99 mF (D: 0.0001 to 1.9900)
- A comparator function enables setting the high and low limits for the main parameter (C) and sub parameter (D), respectively. The judgment result can be indicated with a buzzer and LED and output to an external device.
- Compact and lightweight (Approx. 210 [W] x 100 [H] x 168 [D] mm and 2.5 kg).
- Seven parameters ($|Z|$, θ , R, C, L, D [$\tan \delta$], and Q) can be measured and 5 combinations of the main and sub parameters (Z and θ , C and D, L and D, and L and Q) are available.



Products used

- LCR HiTESTER 3511-50
- FOUR-TERMINAL PROBE (DC to 100 kHz)