
ADVANTEST[®]
ADVANTEST CORPORATION

TR17207

Search-Coil

Operation Manual

MANUAL NUMBER FOE-8334999A01

TR17207
SEARCH-COIL
INSTRUCTION MANUAL

1. GENERAL

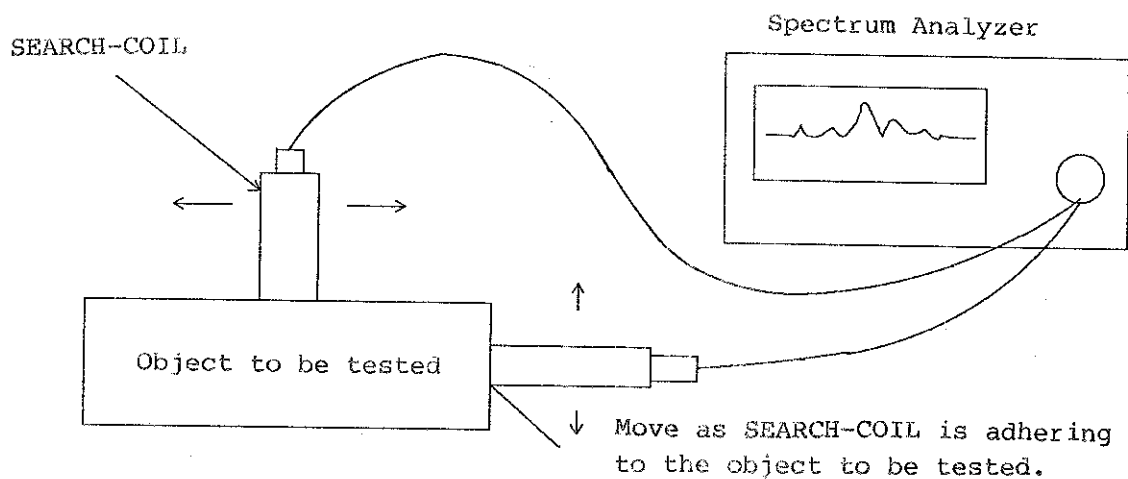
The SEARCH-COIL is a detector of noise relative value which is used in combination with spectrum analyzers (TR4170 series, T4130 series, etc.). This is used mainly for measuring the intensity of magnetic noise radiated from cabinets of electronic instruments or discrete parts.

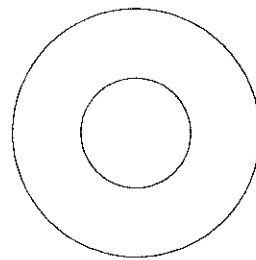
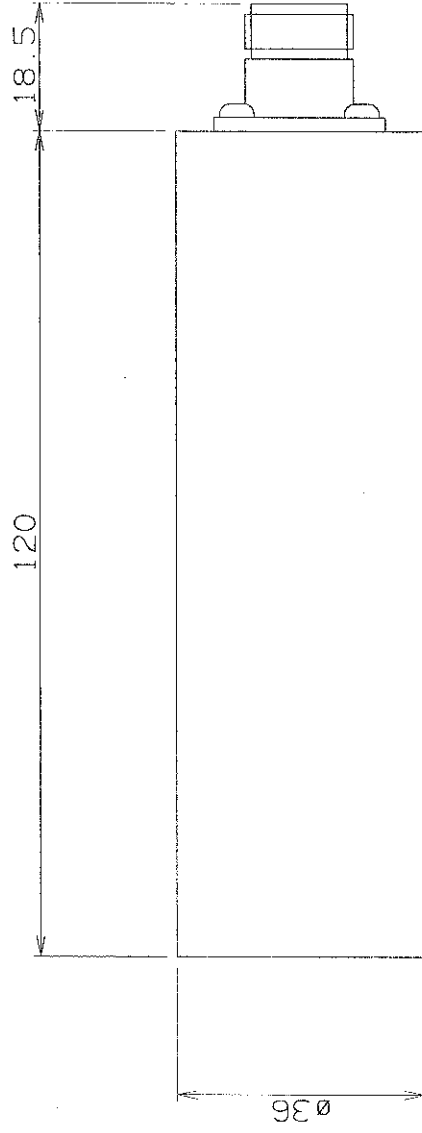
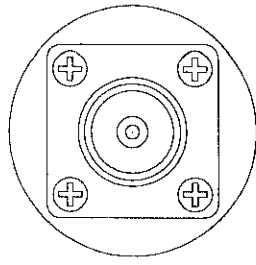
2. SPECIFICATIONS

Measurement Frequency Range : 10KHz to 1000MHz
Antenna Factor : Relative value evaluation in proximity magnetic field
Maximum Electrical Power : +20dBm/50ΩMax (DC +0V Max)
Connector : N-type jack
Weight : 250g or less
External Dimention : 36 (diameter) x 140 approx. (length) mm

3. Usage

Moving this equipment along the object to be tested as shown below, measurement can be made for the magnetic noise intensity at the measurement point.





Unit: mm

TR17207 EXTERNAL VIEW

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Advantest's maintenance agreement provides the Purchaser on-site and off-site maintenance, parts, maintenance machinery, regular inspections, and telephone support and will last a maximum of ten years from the date the delivery of the Product. For specific details of the services provided under the maintenance agreement, please contact the nearest Advantest office listed at the end of this Operation Manual or Advantest's sales representatives.

Some of the components and parts of this Product have a limited operating life (such as, electrical and mechanical parts, fan motors, unit power supply, etc.). Accordingly, these components and parts will have to be replaced on a periodic basis. If the operating life of a component or part has expired and such component or part has not been replaced, there is a possibility that the Product will not perform properly. Additionally, if the operating life of a component or part has expired and continued use of such component or part damages the Product, the Product may not be repairable. Please contact the nearest Advantest office listed at the end of this Operation Manual or Advantest's sales representatives to determine the operating life of a specific component or part, as the operating life may vary depending on various factors such as operating condition and usage environment.

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