



CG 50L/510R

For Conducted & Radiated Comb Generator

- Conducted Comb Generator
Frequency Range: 50kHz/500kHz ~ 30MHz for LISN
- Radiated Comb Generator
Frequency Range: 30 ~ 1000MHz for RE



EMC Instruments corporation

Sales Partner:



ABSOLUTE EMC Llc.
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- Frequency Range: 50kHz/500kHz ~ 30MHz for LISN
30MHz ~ 1000MHz for RE
- Frequency step: 50kHz/500kHz steps, switchable for CE
5/10MHz steps switchable for RE



Description

The CG50L/510R Conducted & Radiated Comb Generators are reference signal sources for testing Line Impedance Stabilization Networks (LISNs) and Radiated emission measurements.

CG50L/510R output has the harmonics of the fundamental frequency specified by the step size. Has two switchable frequency step sizes, 50kHz/500kHz steps switchable for Conducted emission, and 5/10MHz steps switchable for Radiated emission from 30MHz-1000MHz. This allows checks and investigations on conducted measurement systems to be made, for example using a LISN for conducted measurements.

CG50L/510R have high impedance to external line voltage AC or DC up to 230 V. This feature allows the Comb Generator to be used while the LISNs are connected to external power source.

CG50L/510R is powered by a rechargeable internal battery and external power cable connection.

When fully charged, the battery allows continuous operation of up to 16 hours. The Conducted Comb Generator is included with a battery charger, USB cable, antenna, and accessories that are shipped in a wooden storage box.

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Application

The main application of Conducted Comb Generator is to quickly verify conducted emissions test setups. And the most important application is troubleshooting conducted measurements using an LISN.

With the Conducted & Radiated Comb Generator, the test engineer will be able to perform quick a verification of the conducted and radiated test setup more frequently to assure accurate test results.

Other possible applications of the CG50L/510R Conducted Comb Generator could include, production evaluation of components, such as cable shields and filters.





Specification

Frequency Range	50kHz/500kHz ~ 30MHz for LISN 30MHz ~ 1000MHz for RE
Frequency Step	50kHz/500kHz steps switchable for CE 5/10MHz steps switchable for RE
Use time	16 Hours
Charge time	8-10 Hours
Size	120mm(W)*82mm(D)*85mm(H)
Net Weight	1.1Kg

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