

CG50/500MLA

Comb Generator



Sales Partner:



ABSOLUTE EMC Ltd.
Covering sales in North America
United States, Mexico, & Canada

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Description

CG50/500MLA Comb Generator serves as reference signal sources for conducting radiated testing within the frequency range of 50kHz to 30MHz. With a step size of 50kHz/500kHz frequency steps, they produce harmonics aligned with the fundamental frequency. The **CG50/500MLA** operates via a rechargeable internal battery and an external power cable connection, providing up to 16 hours of continuous operation when fully charged.

Additionally, the Comb Generator comes with a battery charger, monopole antenna, 50cm loop antenna, USB cable, and accessories in a storage box.

Application

The main purpose of a Comb Generator is to efficiently validate setups for conducted & radiated emissions testing.

With the Comb Generator, the test engineer can conduct frequent and rapid verifications of the conducted test setup, ensuring the reliability of test results.

Additional potential applications of the **CG50/500MLA Conducted Comb Generator** may involve the production evaluation of components, such as cable shields and filters.



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Specifications

Frequency Range	RE: 50kHz - 30MHz with Monopole Antenna & Loop Antenna
Frequency Step	50kHz / 500kHz step switchable for RE with Monopole Antenna & Loop Antenna
Power Requirements	USB mini, +5 Vdc
Output Connectors	50 ohm, N Female
Charging Time	8 - 10 Hours
Usage Time	16 Hours
Size (mm * mm * mm)	Comb Generator 119 * 81.5 * 85.5 Grounding Plane 300 * 300 * 2
Net Weight	1 kg

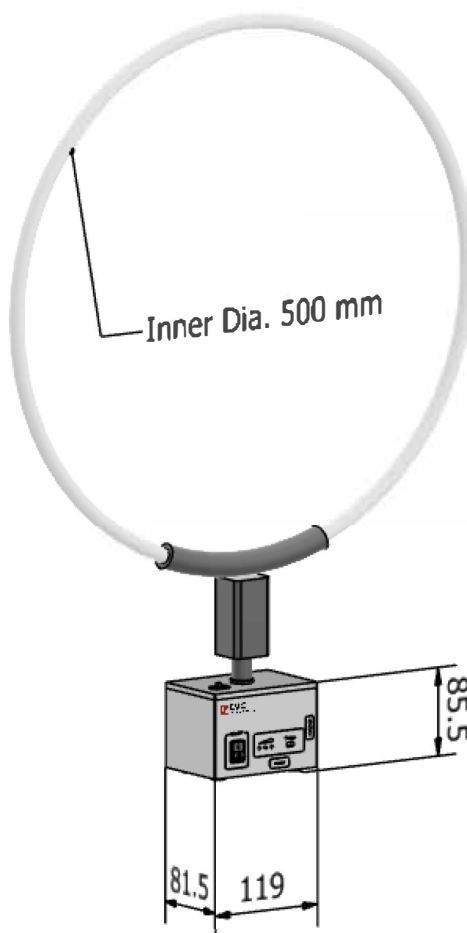
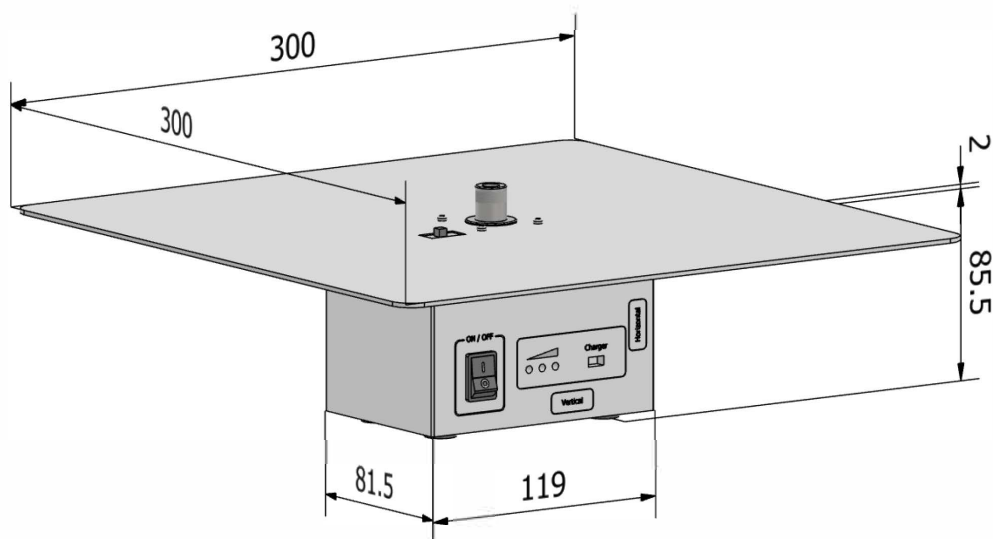
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Dimensions



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