

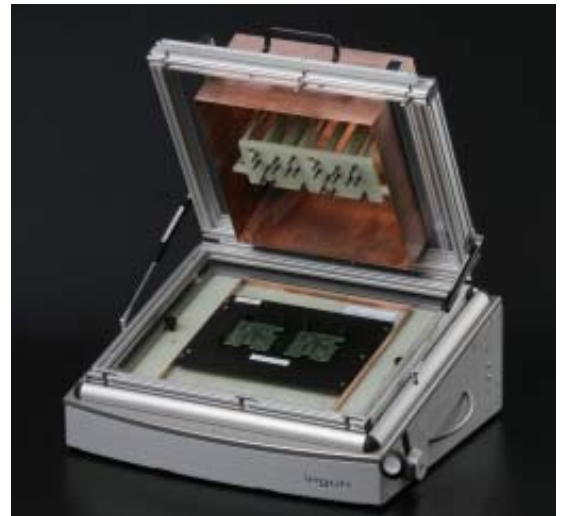
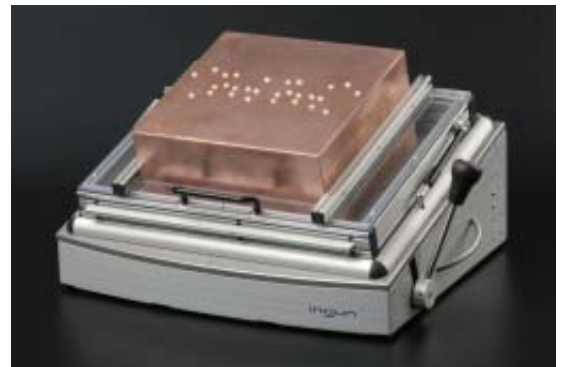
Product Information

MA 2110-HF and MA 2135-HF High-frequency Test Fixtures

INGUN – High-frequency Test Fixtures are developed and manufactured according to customer demands.

Customized Designs are:

- HF-sealed Metal Cover (Cu) for high-frequency shielding of the UUT, which are individually manufactured and independent from the frequency of the UUT and the required space attenuation (e.g. 1 Lambda spacing from the emitter to the inside walls of the Cover in the range of 2.4 GHz).
- No influence of the UUT by external conditions, e.g. frequency shift of oscillators by hand capacities of the operator.
- Protection of the operator against above-average high-frequency fields due to the absorbing function of the HF-Cover.
- High-quality materials in the HF-Cover, e.g. usage of Teflon because of its good HF-characteristics.
- Contacting via INGUN High-frequency Probes (HFS) to the coaxial 2-pol connection with the right impedance, or HF-suitable via INGUN High-current Probes (HSS). (Shorting of the spring and therefore no series inductivity through the spring).
- Guiding of the cables from the HF-Cover to the outside via ceramic feed-through capacitors and ferrite beads (in the case of NF-signals and power supplies) as well as with coaxial cables for HF-signals.



MA 2110-HF

To manufacture the HF-Fixture the customer must supply additional information:

The level of the HF attenuation characteristics of the chamber to the outside.

- the attenuation values (in dB) are dependant on the frequency and the free space in the chamber.
- the value must be measured and derived by an HF-laboratory (customer) and can vary from fixture to fixture.

e.g.: Determined values (MA 2135-HF):
 f = 868 MHz
 Attenuation: > -35 dB
 with closed cover: -80 dB
 with open cover: -45 dB



MA 2135-HF

Contact us for further information.
 Prices and delivery times on request.