

SAR & HAC TEST BENCHES

SATIMO offers a complete range of Specific Absorption Rate (SAR) and Hearing Aid Compatibility (HAC) measurement systems for the test and certification of Mobile Telecommunication Equipment.

APPLICATIONS

- SAR values for development, testing & certification.
- Compatibility of hearing aid device with handset.
- E-field SAR probe calibration.
- Properties assessment of SAR and CTIA liquids.
- Positioning of device for testing.
- Final validation of the measurement chain.

PRODUCTS

CALISAR

The CALISAR bench is dedicated to the probe calibration process for SAR measurements. It allows the assessment of the relation between the theoretical and effective E-field using an open-ended waveguide and measures the isotropy and linearity values of the probe.

For more details visit:

<http://www.satimo.com/content/products/calisar>

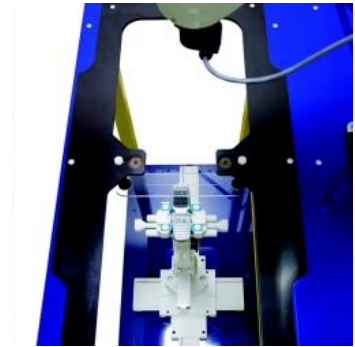


COMOHAC

COMOHAC measures the M and T ratings to calculate risks of interference between a mobile phone and hearing aid devices.

For more details visit:

<http://www.satimo.com/content/products/comohac>

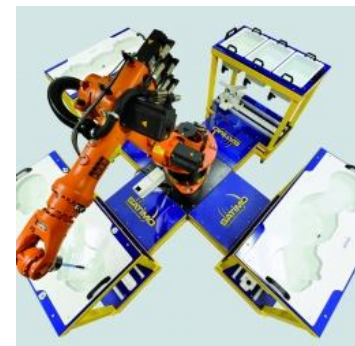


COMOSAR

The COMOSAR systems can perform both compliance measurements for certification and rapid measurements for R&D development phases. They are available in three configurations: with one, two or four phantom tables.

For more details visit:

<http://www.satimo.com/content/products/comosar>



FLAT PHANTOM

We offer a full range of flat phantoms for the measurement of Base Station, body, handset or larger devices.

For more details visit:

<http://www.satimo.com/content/products/flat-phantom>



LIMESAR

LIMESAR allows for the measurement of complex permittivity and conductivity of liquids used for SAR measurements.

For more details visit:

<http://www.satimo.com/content/products/limesar>



PROBES

The SAR probes measure the fields in liquids or in the air, as defined in the standards.

For more details visit:

<http://www.satimo.com/content/products/probes>



SAM PHANTOM

The SAM phantom is a standardized product made in accordance to the 3D-CAD file of the standards. It is made to suit our SAR table.

For more details visit:

<http://www.satimo.com/content/products/sam-phantom>



POSITIONING SYSTEMS

We offer positioning systems for handset, laptop and Base Station for both SAR & HAC measurements.

For more details visit:

<http://www.satimo.com/content/products/positioning-systems>

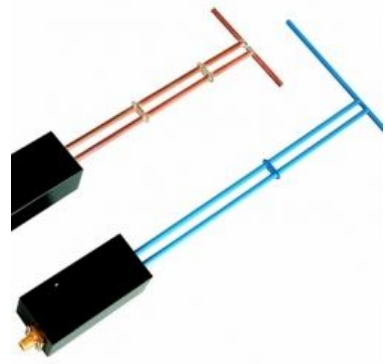


VALIDATION DIPOLE

We offer SAR & HAC dipoles for the validation process of the measurement systems.

For more details visit:

<http://www.satimo.com/content/products/validation-dip>



SAR LITE

SARLite simplifies and accelerates the SAR measurement. With its 265 probes and 651 sensors in a 3D matrix design, an area greater than 20 x 20 cm area can be measured in only a few seconds. In addition, the enclosed wideband tissue simulant gel enables a wide range of frequency measurements.

For more details visit: <http://www.satimo.com/content/products/sarlite>



LIQUIDS

We offer liquids for head and body measurements made in accordance with standards in force, including for CTIA measurements.

For more details visit:

<http://www.satimo.com/content/products/liquids>

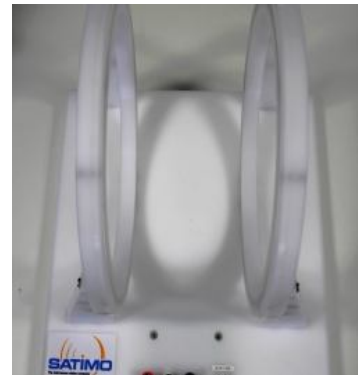


HAC ACCESSORIES

For HAC audio validation, we offer both Helmholtz coil and Telephone Magnetic Field Simulator (TMFS).

For more details visit:

<http://www.satimo.com/content/products/hac-accessories>



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