

Launchers
Space planes
Transversal competencies

S.E.R.E.M.E.

SEREME is a leading Specialist in vibration, acoustic and micro-vibration test solutions, which drastically improve the quality of tests, homogeneity, cross talk, distortion.

SEREME is since 1976 an independent SME. SEREME R&D expenses represent 10% of its turnover.

COMPETENCIES & CAPABILITIES

- Design and delivery of turn-key test rigs and MGSE.
- Feasibility study of new test laboratories with their dedicated infrastructure.
- Upgrades of existing satellite ground test facilities.
- Versatile solutions for micro-vibration.
- Consulting services.



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PRODUCTS & SERVICES

- Reverberating Acoustic Chambers (with air or nitrogen) for satellites and human rated spacecrafts.
- Self-cooled noise generators (LF, MF, HF) up to 175 dB (50 sets installed in France, China, Japan, Kazakhstan, Russia and South Korea).
- Small 4 DOF & 6 DOF vibration systems able to work up to 3000 Hz.
- Large light slip tables with OTM up to 1300kN.m.
- Vertical multishaker systems.
- MGSE (transport, Tvac, vibration adapters, test clamp bands, acoustic trolleys, antenna supports...).
- Micro-vibration measurement tables.
- Micro-vibration test solutions.
- Thermal Vacuum Chambers subsystems.

MAJOR SPACE PROJECTS & REFERENCES

- MGSE Galileo 2nd generation for Airbus GmbH.
- MGSE One Sat, Eurostar Neo, CSO, One Web, Astrobus SE... for Airbus D&S.
- 1000 M3 RAC for satellites: RKK Energia, Lavochkin, Kazakhstan (Airbus D&S/KGS), TAS Cannes (process design only).
- Versatile vibration isolation system for ESTEC for satellites up to 3.5 tons, compliant with Tvac conditions.
- ESTEC and KARI Quad-shakers systems & LST
- Sbik Kazakhstan medium size Tvac (with ALM).
- Customized vibration test device for Ariane 6, for Arianegroup Les Mureaux.
- Micro vibration tables for ESA-ESTEC
- Foundry mass suspended on air cushion for ESA-ESTEC

Airbus D&S, Arianegroup, BISEE (Cast), ESA ESTEC, ETS, GHALAM, IAI, Intespace, ISS Reshetnev, Jaxa, Kari, KGS, Lavochkin, RKK Energia and TAS are SEREME Customers in space industry.

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TURNOVER 4 M€

WORK FORCE 20 employees

SPACE TURNOVER 4 M€

SPACE WORK FORCE 20 employees