

Orbital systems
 Launchers
 Satellites
 Balloons
 Transversal competencies



DACTEM is an SME founded in 1986 and based in Alès (30) with a branch in Toulouse (31). With a total of over 1000 m2 of workspace, our company specializes in the design and manufacture of test benches and measuring instruments.

More than 2/3 of our business is in the aerospace sector, but we also work in the medical, energy and automotive sectors.

DACTEM International was created in May 2023 through the acquisition of the funds and activities of DACTEM Développement by the Italian Company AEROSPAZIO Tecnologie based in Tuscany.

COMPETENCIES & CAPABILITIES

DACTEM designs and manufactures specific EGSE/MGSE/FGSE.

All our designs are based on customers' specifications, who need to carry out validation or performance tests on their products at any stage in the industrialization chain (engineering, characterization, production, quality, maintenance).

DACTEM has been awarded two CNES SME labels: Electrical ground support equipment (EGSE) and Expertise in the qualification of MIL-STD-1553 communication bus interfaces.

DESIGN AND MANUFACTURE OF AVIONICS TEST EQUIPMENT AND SPACECRAFT ELECTRIC PROPULSION TEST INSTRUMENTS

THRUST BALANCE THRUSTER DYNAMIC LOAD SIMULATOR SOLAR ARRAY SIMULATOR BEACONS RF SIMULATOR

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DACTEM INTERNATIONAL

PRODUCTS & SERVICES

- Electric propulsion test equipments: PPU controller, PPU and thruster simulators et performance test benches, thrust balance, plume characterization.
- Platform power distribution and OBC equipment test benches
- Payload, platform and instrument simulators
- Automatic test sequencer software with script editor, test reports, CCSD PUS data decommutation,
- Avionic TM/TC front end (1553, CAN, LVDS, Space Wire).
- 1553 Interfaces Qualification from AS411 to AS4115
- Solar Array Simulator
- Leak test platform
- Hydraulic and Pneumatic test benches
- Rotative machines testers

MAJOR SPACE PROJECTS & REFERENCES

CNES :

- R&T Multiaxes Thrust balance
- Doris RF beacons simulator
- Solar Array Simulator, Nano& Microsatellite
- Hélios 2B, Pléiades, Jason3, SWOT: Doris EGSE
- Saral/Altika - CFOSAT: Platform and payload simulators
- Argos EGSE

CEA, ESA/Airbus DS, EREMS, HEMERIA, U-Space, SABCA, STEEL Electronique, THALES.

Safran Spacecraft Propulsion: PPSX00, PPS 5000, PPS 1350 HET thruster test equipment.

Thales Alenia Space: I-HAB GATEWAY EGSE, Sentinel 3 EGSE. SWIM, CFOSAT simulator, 1553 interfaces qualification.

POINT OF CONTACT

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TURNOVER 2-3 M€

WORK FORCE 17

SPACE TURNOVER 1,5-2 M€

SPACE WORK FORCE 17