

## A new thermomechanical test platform for polymers and composite materials

The use of polymers and composite materials is constantly increasing. Their lightness combined with their flexibility and resistance offer significant advantages in the fields of transportation, industry, sports and construction.

These properties are central to the concerns of engineers and researchers, who must have access to high-performance instruments in order to characterize these materials in different conditions and environments.

The **DMA+300**, latest addition to the **METRAVIB** range, is a **new dynamic mechanical analysis system** offering exceptional analysis capabilities.

The DMA+300 enables the characterization of materials presenting great variation in mechanical properties based on temperature.

With its 300-Newton air-bearing shaker, the DMA+300 offers unrivaled capabilities for the accurate analysis of fibers and polymer films, as well as monitoring the polymerization of thermosetting polymers.

The **DMA+300** can also be equipped with MULTITEST fatigue software. It is therefore a highly versatile research tool that is particularly well suited to the analysis of the mechanical properties of reinforced polymer materials.



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**Contact :**

Isabelle Vial

Tél. : +33 (0)4 72 52 48 27

[isabelle.vial@acoemgroup.com](mailto:isabelle.vial@acoemgroup.com)

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**METRAVIB is an ACOEM brand**

In today's complex and increasingly fast-moving world, it is essential to keep risks under control. **ACOEM** helps customers in the industrial, environmental and defense sectors make the right decisions and take the right actions:

- to ensure the productivity and reliability of industrial machines
- to avert noise and vibration pollution
- to protect personnel, sites and vehicles in military theaters of operation
- to contribute to the efficient development of robust and high-performance products with low noise levels

All around the world, **ACOEM**'s 400 staff are at the forefront of innovation in monitoring, maintenance and engineering services, through the **01dB**, **ONEPROD**, **FIXTURLASER** and **METRAVIB** brands.

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