
METRAVIB at TIRE TECHNOLOGY EXPO 2020:
How METRAVIB DMA+ series improves DMA and Fatigue testing?



Limonest, 12 February 2020. **METRAVIB, specialist in Dynamic Mechanical Analysis for 50 years, improves DMA and fatigue testing campaigns thanks to the new extended capabilities of METRAVIB DMA+ series.**

For 50 years, METRAVIB is manufacturing innovative Dynamic Mechanical Analyzers (DMA) to meet the expectations of research and industry dealing with advanced polymers and rubbers. From low force to high force models, the extended METRAVIB DMA instruments range offers unmatched capabilities to analyze solid materials viscoelastic properties, E^* , G^* , Tan delta, and their dependence to frequency, strain, stress, temperature, humidity...

Fully automated DMA testing in shear, compression and tension

Xpander is the automated specimen handling system designed to boost the productivity of the METRAVIB DMA+ series and provides tests 365/7/24 in compression, tension and shear.

In compression mode, the Xpander Small Cylinders set makes possible to handle small rubber compound cylindrical specimens. This accessory is especially useful for testing specimens taken out from a tire tread as the tread design limits highly the specimen possible geometries.

New: Automated crack growth testing by video camera

The DMA+ series testing capabilities are extending with a brand new MULTITEST crack growth software module coupled to a motorized video camera. Using specimens up to 80mm wide, it makes possible to follow up to 4 cracks in one single test. The crack length measurement can be performed with a resolution better than 2 μm .



"Xpander and the new DMA+ series have been designed taking account of industrial expectations in terms of accuracy, performance, productivity and ergonomics, as expressed by worldwide leaders in the rubber and polymers sector. With 50 years of experience in the field, we are the ideal partner."

Hugues BAURIER, Worldwide Sales Manager

Find out more at metravib.com

Press Contact:

Stéphanie Gonin-Briand - stephanie.gonin-briand@acoem.com - +33 (0)4 78 66 34 38

About ACOEM Group

Reduce your environmental impact

In today's fast-moving world, the environment is increasingly impacted. The ACOEM Group is committed to sustainable development and help companies and public authorities limit their environmental impact by offering products and services that:

- Prevent and control air, noise and vibration pollution
- Increase the productivity and reliability of industrial machinery
- Contribute to the development of effective, robust & noiseless products
- Protect soldiers, sites and vehicles in military theaters of operation

The ACOEM Group is based in Limonest, France, and has 17 subsidiaries and offices around the world. The Group generates an annual turnover over €100 million and currently employs 750+ people globally.

For more information, please visit our website at acoem.com.