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.

Find out more at metravib-design.com

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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.

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Hugues BAURIER
Worldwide Sales Manager

At Acoem, we create environments of possibility – helping organizations find the right balance between progress and preservation – safeguarding businesses and assets, and maximizing opportunities while conserving the planet's resources. We deliver unrivaled, interoperable AI-powered sensors and ecosystems that empower our customers to make enlightened decisions based on accurate information.

Together with 220 distributors, our 850+ employees work across 28 offices, 6 manufacturing facilities and 5 R&D centers in 9 countries- to provide trusted, holistic data solutions for our customers worldwide.

Acoem links possibilities with protection.