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SINUSJET LIGHT

Designed to meet all your primary testing needs, SinusJet Light is a more essential edition of the all-inclusive SinusJet Generation 3.0 vibration testbed.

As a lightweight, easy-to-use and Plug & Play solution, SinusJet Light is the go-to solution for 2-point bending. With the possibility to cover every necessary standard tests (according to EN 13260 for example), SinusJet Light is compatible with the most common wheelsets (up to 1.250 mm wheel diameter) without any preliminary machining. Thanks to the high operating frequency (40-60 Hz) the required time for each load cycle can be reduced drastically.

„Start simple, decide later“ - in case 2-point bending is not enough, SinusJet Light is always upgradable to a fully functional SinusJet Generation 3.0 with added support for 4-point bending and torsion.

TECHNICAL SPECIFICATIONS

Total mass of approx.
5.000 kg.

Bending moment up
to ± 250 kNm between
40-60 Hz (for 2-point
bending only)

Required electrical
power less than 5 kW.

KEY POINTS

- ▶ **Testing of complete wheelsets for 2-point bending**
- ▶ **Faster and more comfortable sample changes thanks to the innovative FlowerGrip-System**
- ▶ **No need for foundation**
- ▶ **Vibration-free, low noise level**
- ▶ **Plug & Play - instantaneous activation after delivery**
- ▶ **Service-free construction**
- ▶ **Upgradable to a fully functional SinusJet Gen 3.0**

OUR ENGINEERING FOR
YOUR SUSTAINABLE PRODUCTS

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