

Dynamic test machine – high-frequency pulsator SINCOTEC

Technical data

- Static load 100 kN
- Max. dyn. force amplitude ± 50 kN
- Stroke 7 mm
- Max. sample length 1000 mm
- Free column passage 600 mm
- Test frequency 30 to 120 Hz

Measuring configuration

- Precision 0.03 %
- Error bandwidth to nominal load ± 0.05 %
- Analog inputs and outputs ± 10 V

Fields of use / applications

- Determination of breakage vibration load cycles and fatigue strength through classical Wöhler tests
- Software module for block program regulation
- Evaluation program for step tests or to determine Wöhler lines
- Not affected by transverse forces, suitable for asymmetric loadings

