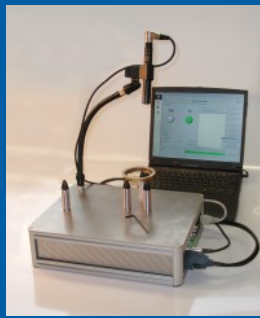
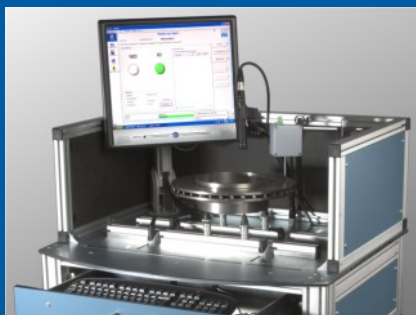
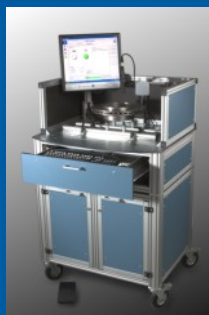


System Versions

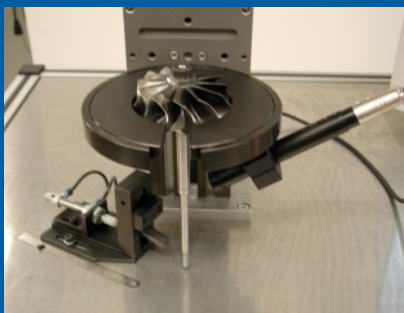
Acoustic Materials Testing



Mobile test system
SR20AT/mobile



Laboratory test rack
SR20AT/lab



Manual testing
with fixture
SR20AT/manual



Inline test bench
SR20AT/automation

Overview Equipment Versions

| | | Version | mobile | lab | manual | automation |
|--|---|-----------------------|--------|-----|--------|------------|
| Product features | Components | Component measurement | ● | ● | ● | ● |
| | Component configuration | ● | ● | ● | ● | |
| | Component user management | ● | ● | ● | ● | |
| | Component archive | ○ | ○ | ○ | ● | |
| | Component statistics | ○ | ○ | ○ | ● | |
| | Component variance analysis | - | ○ | ○ | ○ | |
| | Component analysis | ○1) | ●1) | ●1) | ●1) | |
| | Operation modes | Mode measure | ● | ● | ● | ● |
| Mode testing | ● | ● | ● | ● | | |
| Mode reference-based learning (reference run) | ○ | ○ | ○ | ● | | |
| Mode test control | - | ○1) | ○1) | ○1) | | |
| Manual product selection | ● | ● | ● | ● | | |
| Automatic product selection | - | ●2) | ●2) | ● | | |
| Language | Language module 1 (English, French, Spanish, Italian, Portuguese) | ○ | ○ | ○ | ○ | |
| | Language module 2 (Polish, Slovenian, Hungarian, Czech, Turkish, Russian, Greek) | ○ | ○ | ○ | ○ | |
| | Language module 3 (Japanese, Chinese, Arabic) | ○ | ○ | ○ | ○ | |
| Sensors | Airborne microphone with directional characteristic | ● | ● | ● | ● | |
| | Structure-borne noise with laser vibrometer | - | ○ | ○ | ○ | |
| | Contactless temperature measurement and compensation | - | - | ○ | ○ | |
| | Excitation hammer (manually, two sizes) | ● | ● | ● | ● | |
| | Electro-dynamic excitation device (automated) | ○ | ● | ● | ● | |
| | Product specific excitation device (automated) | - | - | - | ● | |
| Characteristics | Test characteristics 1 (base spectrum, frequency search range) | ● | ● | ● | ● | |
| | Test characteristics 2 (frequency level list, frequency double line, regression) | ○ | ● | ● | ● | |
| | Test characteristics 3 (transition spectrum, averaged spectrum, compensated spectrum) | ○ | ● | ● | ● | |
| | Test characteristics 4 (level) | ○ | ● | ● | ● | |
| | Test characteristics 5 (time) | ○ | ● | ● | ● | |
| | Test characteristics 6 (calculation) | ○ | ● | ● | ● | |
| System structure | Signal processing und conditioning (SigTestBox) | ● | ● | ● | ● | |
| | PCMCIA interface card for notebooks | ● | - | - | - | |
| | PCI interface card for standard PCs | ○ | ● | ● | ● | |
| | User panel with type selection, test start button and decision lights | ○ | ○ | ● | ● | |
| | Noise monitoring | - | ○ | ○ | ○ | |
| | Field bus interface with OPC-Server | - | ○ | ○ | ○ | |
| | Uninterruptible power supply (USV) | - | ○ | ○ | ● | |
| | Test desk with industrial PC, TFT monitor, keyboard slide, 24 V digital interface (PLC) | - | ● | - | - | |
| Test system rack with industrial PC, TFT monitor, keyboard slide, 24 V PLC interface | - | - | ● | ● | | |
| Features | Remote service | - | ○ | ○ | ● | |
| | Comment assignment to each measurement | ● | ● | ● | ● | |
| | Data export in CSV format / WAV format | ● | ● | ● | ● | |
| | Network workstation (license for 1 PC) | - | ○ | ○ | ○ | |
| | Test script processing in Visual Basic | ● | ● | ● | ● | |
| | Test protocol (ASCII and HTML format) | ● | ● | ● | ● | |

Annotations:

- standard
- optional
- not available
- 1) Extension planned
- 2) Number of products limited to type selection switch

Sales:



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