

PRODUCT DATA

Service Agreements and Preventative Maintenance Plans for Brüel & Kjær Vibration Test Systems (VTS)

Regular preventative maintenance is essential in keeping your Vibration Test System at its highest level of performance, safety and reliability. Brüel & Kjær offers a range of Preventative Maintenance Plans and Service Agreements designed to minimize downtime, maximize the life of your equipment, and avoid unplanned repair costs. The services are performed by Brüel & Kjær factory-trained service professionals, highly trained and specialized in VTS system maintenance and repair.

Brüel & Kjær's service agreements and preventative maintenance plans provide you with peace of mind that your investment is operating at optimal capacity and allow you to concentrate on other business-critical activities.



Benefits of a Service Agreement and Preventative Maintenance Plan

Mechanical systems with moving parts require preventative maintenance and service from time to time and the most effective means for managing the associated costs and services is through a planned maintenance schedule and service agreement. The key benefits are:

- **Maximum Uptime:** Increased demand for improved productivity is driving the need for maximum uptime. This can only be achieved by preventative maintenance to ensure that unexpected and unplanned downtime is avoided by detecting issues before they become larger problems
- **Affordability – Known Operational Costs:** The service agreement and preventative maintenance plan provides an affordable and known annual cost and minimizes the risk of unexpected operational service costs. The offering provides various levels of coverage based on your comfort level with the system
- **Spare and Replacement Parts:** All vibration test system parts for shakers covered in Silver or Gold plans are eligible for a discount on spare or replacement parts. These parts are included in the Platinum plan
- **Improved Test Quality:** Having your vibration test system in good shape will enhance your control of its performance and consequently improve the consistency and quality of all your tests, test data and results
- **Longer Lifetime:** Consistent professional service and maintenance will increase the lifetime of your vibration test system, extend the service interval and give an improved return on investment. A well-maintained, professionally operated vibration test system should provide decades of reliable operation
- **Genuine Brüel & Kjær Parts:** You can rest comfortably knowing that all service and replacement parts installed under the service agreement and preventative maintenance plans are original and genuine Brüel & Kjær parts, not non-certified replicas. All Brüel & Kjær spare parts are manufactured to precise tolerances and meet the original manufacturer and material specifications. Replacement with non-original parts can have a negative effect on system performance, may lead to breakdown of more complex and costly components, and will invalidate your warranty
- **Factory-trained Service Personnel:** All maintenance and service is performed by our highly skilled group of service engineers and technicians and is performed to Brüel & Kjær specifications. Our service group provides the highest level of competence in the industry and comes with an extensive level of training and experience including many years of hands-on experience on the Brüel & Kjær equipment being serviced. You can rest easy knowing that your equipment is in good hands and the quality of work exceeds the manufacturer's requirements
- **Additional Operator Training Available:** We offer professional product training to keep your staff updated on the latest vibration test trends and test procedures. Our training courses provide guidance on the proper test and measurement procedures, address safe operating practices and help to ensure that the equipment is used within the manufacturer's recommended specifications

The Plans

To fit the individual needs of our vibration test system users, we have created a flexible offering combining Service Agreements with Preventative Maintenance Plans as described in Table 1.

Table 1 Service Agreements with Preventative Maintenance Plans

	Bronze	Silver		Gold		Platinum	
		AC*	WC†	AC*	WC†	AC*	WC†
Visual inspection	✓	✓	✓	✓	✓	✓	✓
80% performance without payload	✓	✓	✓	✓	✓	✓	✓
Cross-axis acceleration check	✓	✓	✓	✓	✓	✓	✓
Distortion	✓	✓	✓	✓	✓	✓	✓
Noise	✓	✓	✓	✓	✓	✓	✓
Chain calibration/verification back-to-back	✓	✓	✓	✓	✓	✓	✓
Air filter change	✓	✓	✓	✓	✓	✓	✓
Output and FPS, voltage and current measurement	✓	✓	✓	✓	✓	✓	✓
Amplifier power module current share	✓	✓	✓	✓	✓	✓	✓
Check interlocks	✓	✓	✓	✓	✓	✓	✓
Check the resonance‡	✓	✓	✓	✓	✓	✓	✓
Slip table alignment‡	✓	✓	✓	✓	✓	✓	✓
Strip down/rebuild	–	✓	✓	✓	✓	✓	✓
Change worn and damaged parts‡	Air filters	✓	✓	✓	✓	✓	✓
	Flexures, oil filters‡, target and change oil‡	–	✓	✓	✓	✓	✓
	Diaphragm	–	✓		✓		✓
	Lead out, hose, clips, copper washer, field oil pads, water, heat sink, inhibitor and deionizing filter	–	–	✓	–	✓	–
Pull check‡	–	✓	✓	✓	✓	✓	✓
Remove plate‡	–	✓	✓	✓	✓	✓	✓
Support	✓	✓	✓	✓	✓	✓	✓
High-priority support	–	–	–	✓	✓	✓	✓
Technical call-back response time	Next day	Next day	Next day	Same day	Same day	Same day	Same day
Spare parts (except armatures, coils or bearings)	List price	Discount	Discount	Included**	Included**	Included**	Included**
Armatures, field coils and bearings	List price	Discount	Discount	Discount	Discount	Included**	Included**
Reference accelerometer calibration	Discount	Discount	Discount	Included	Included	Included	Included
Controller loan††	–	–	–	✓	✓	✓	✓
Labour	1 visit	1 visit	1 visit	4 visits	4 visits	Unlimited	Unlimited
Travel and living expenses	1 visit	1 visit	1 visit	4 visits	4 visits	Unlimited	Unlimited

* Air cooled

† Water cooled

‡ Slip table combos

** Excluding misuse

†† For customers having LDS/Bruel & Kjaer controllers

Ordering Information

S0100	Brüel & Kjær VTS Service Agreement Bronze
S0102	Brüel & Kjær VTS Service Agreement Gold
S0101	Brüel & Kjær VTS Service Agreement Silver
S0103	Brüel & Kjær VTS Service Agreement Platinum

Brüel & Kjær reserves the right to change specifications and accessories without notice. © Brüel & Kjær. All rights reserved.

HEADQUARTERS: Brüel & Kjær Sound & Vibration Measurement A/S · DK-2850 Nærum · Denmark
Telephone: +45 7741 2000 · Fax: +45 4580 1405 · www.bksv.com · info@bksv.com

Local representatives and service organisations worldwide

Brüel & Kjær 

