

ABS-Test System v5



The PRIMATION ABS testing system v5 sets new standards in axis quality assurance: With 64-bit Windows 10 LTS and 11 Pro support, powerful measurement data acquisition, and future-proof architecture, your production is optimally equipped for current and future requirements. The innovative, modular design enables a quick restart after malfunctions, thus maximizing your system availability. Invest in maximum operational reliability and sustainable investment protection.

Highlights

- **Extremely fast test cycles:** cycle time of less than 5 seconds per measurement – for maximum efficiency in your production
- **OEM-compliant components:** Meets all relevant VW standards
- **Integrated climate control:** For constant test results regardless of environmental conditions
- **Flexible voltage and frequency adjustment:** Can be used worldwide
- **Uninterruptible power supply (UPS):** Optional for maximum reliability
- **Multilingual user interface:** Can be used internationally
- **Remote diagnosis:** Fast remote support and maintenance
- **Brake disc runout measurement (optional):** Precise control of brake disc flatness
- **Signal generator (optional):** Annual system verification for maximum measurement accuracy

Functions

- **Powerful industrial-PC** with large monitor and integrated climate control
- **High-precision test electronics:** 18-bit resolution, 500 kHz sampling rate per measurement channel
- **Robust housing design:** front and rear doors for optimal access
- **State-of-the-art drive technology:** Controlled and with integrated torque sensor
- **1- or 2-channel systems** for maximum flexibility
- **Laser-based runout measurement** of the brake disc for maximum precision



Technical Specification

- **Universal ABS sensor test:** Compatible with all sensors used by Volkswagen AG
- **Intuitive visualization:** Clear, graphical representation of all test results
- **Comprehensive user management:** Maximum system security and traceability
- **Automatic self-test:** Reliability at every system startup
- **Advanced diagnostics and maintenance functions:** For fast troubleshooting and minimal downtime
- **Flexible parameterization:** Limit values and test parameters can be adjusted at any time
- **Offline data analysis and integrated statistics:** For comprehensive quality evaluations and traceability



Modell-Number	
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PST-ABS-v5-1K	1-Channel ABS-Test system
PST-ABS-v5-2K	1-Channel ABS-Test system
PST-ABS-v5-NL-1K	1-Channel ABS-Emerg. syy
ABS-Modul Sistema	Option: Sistema Calculation
PST-ABS-SD	Option: Distorsion sensor 0,3mm accuracy
PST-ABS-HD	Option: Distorsion sensor 50µm accuracy