

HENNING LIFTPC® MOBILE DIAGNOSIS



450010
LiftPC® QS3 Mobile Diagnosis



450010 & 450016
LiftPC® w/ Measuring Block



Product Description

The **Henning LiftPC® Mobile Diagnosis System** is the industry's newest and best tool for measuring and analyzing elevator ride quality. Software compares data to accepted global standards in ISO 18738. The main component, the QS3 acceleration sensor, stores in a specially-designed case which is an ISO-compliant base for in-elevator measurements. Peripherals use Henning software thoughtfully integrated for sophisticated engineering-level measurements and analysis. Provides objective measurements that surpass subjective inspections and are integral to forward-looking, cost-efficient installation and maintenance practices.

Range of Applications

- Measurement and diagnosis from basic to complex.
- Vibration in 3 axes: X, Y, and Z (optional second Z axis).
- Sound level measurement for concurrent analysis.
- Observe graphical measures of elevator quality and ride comfort during the ride, real-time for the first time (online connection to a laptop); diagnose electric/traction and hydraulic elevators.
- All standard and needed measures of speed, acceleration, and deceleration.
- For ride quality analysis, QS3 Sensor is fixed in a special base in the center of the elevator car and prescribed, complete up and down travels are measured. As soon as runs are complete, all quality data, velocity, and path profiles are immediately available. A report with all essential drive quality data is generated on the spot.
- Further measurements (from machine beds, machines, gearboxes, or adjacent/related beams and structures) are easily taken using a handy screw-in base with a strong magnet.
- Defects accurately assessed based on diagnosis of controller, frequency inverter, guide shoe/roller, drive, gear, and bearing functions.
- Measures impact and vibration movements from car, guide rails, and door movements.
- Comparisons with other elevators or previous measurements of the same elevator can be generated in Henning software.
- Powerful QS3 has onboard lithium-ion battery providing power for several hours. Easily recharged via USB interface or new wireless power transmission (Qi). One-button operation triggers controlled measurements and stores in 8GB memory (about 100 hours of continuous measurement). Collected data is easily read via USB connection or internal Bluetooth interface.
- Periodic service/calibrations by Wurtec in the USA with fast turnaround.

Part No.	Description
450010	LiftPC® QS3 Mobile Diagnosis Sensor System w/ Sound Meter/Noise Module (#450030) and all software/firmware incl. updates at no charge
452010	Magnetic Socket for QS3
452020	USB A/B Cable
450016	Mini measuring block for the LiftPC QS3 System
450008	Vibration Analysis Add-on Software for LiftPC

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