

	PMT	LiftPC QS2 	LiftPC QS3
Sensors	3 Accelerometers (x, y, z Triaxial Arrangement)	4 Accelerometers (x, y, z1 (+-1,7g), z2 (+-4,3g) Triaxial Arrangement)	3 Accelerometers (+1 optional) (x, y, z1 (+-2,0g), z2 (+-10g, +-20g) Triaxial Arrangement)
sample rate	512 Hz	1000 Hz up to 2000Hz	1000 Hz (6000 Hz optional)
frequency analysis	up to 256 Hz	500 Hz up to 1000Hz	500 Hz (3000 Hz optional)
resolution	0,36 mg	0,26 mg	64 µg
record time	max. 125 sec (4 Channels)	unlimited (Laptop) or CompactFlash Typ 1 up to 1GB ~ 1000 min (Handterminal)	"unlimited" (Laptop) or 125 min (8 Gbyte internal memory)
range	+/-1,5g	+/-1,7g (+-4,3g)	+/-2,0g (+-10g, +-20g)
additional measurements	sound level meter 40dB(A) to 90 dB(A)	sound level meter 30 dB(A) to 130 dB(A) rope tension control safety gear measurement	sound level meter 30 dB(A) to 130 dB(A) rope tension control
Standards	ISO 18738	ISO 18738	ISO 18738
shock survival	400g	20000g	1000g
communication (Sensor<->PC)	RS 232 serial 7 KByte/sec (57600 Baud)	USB 1.1 1536 Kbyte/sec	USB 1.1 1536 Kbyte/sec
software updates	manual	over internet for free	over internet for free
measurement comparsion	None	Included	Included
curves per diagramm	max 4	unlimited	unlimited
software wizards	None	Included	Included
measuring instrument monitoring integrated into the system	None	Included	Included
electrostatic self-test of the acceleration sensors	None	Included	Included
radio connection between Sensor and PC over Bluetooth	none	optional	Included
frequency analysis during the measurement	None	included	included
SQL Database for measurement administration including synchronisation with a server	None	optional	optional