

		SV 102	SV 102_1	SVAN 953	SVAN 953_1	SVAN 953_2	SVAN 955	SVAN 955_1	SVAN 955_2	SVAN 954	SVAN 954_1	SVAN 956	SVAN 956_1	SVAN 957	SVAN 959	SVAN 959_1	SVAN 958	SVAN 958_1						
GENERAL	Sound meter	√	√	√	√	√	√	√	√	-	-	-	-	√	√	√	√	√						
	Vibration meter	-	-	-	-	-	-	-	-	√	√	√	√	√	√	√	√	√						
	Class	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1						
	Number of Channels	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4					
	Dynamic Range	90 dB			120 dB in meter mode, 100 dB in analyser mode			120 dB			100 dB			110 dB			110 dB			100 dB, 4 x 20 bits A/D converters				
	Sampling frequency	24 kHz			48 kHz			48 kHz			48 kHz			48 kHz			48 kHz			48 kHz				
Frequency range	20 Hz ÷ 8 kHz			20 Hz ÷ 20 kHz			20 Hz ÷ 20 kHz			0.5 Hz ÷ 20 kHz			0.5 Hz ÷ 20 kHz			0.5 Hz ÷ 20 kHz			0.5 Hz ÷ 20 kHz					
Memory	up to 64 Mb			16 Mb			16 Mb			16 Mb			32 Mb			32 Mb			32 Mb					
ADVANCED	1/1 oct	0	0	0	0	0	-	-	-	0	0	0	√	√	√	√	0	√						
	1/3 oct	-	-	-	-	-	-	-	-	-	-	0	√	0	√	√	0	√						
	FFT	-	-	0*	0*	0*	-	-	-	0	0	√	√	0	0	√	0	√						
	Envelopping	-	-	-	-	-	-	-	-	-	-	0	0	-	0	0	-	-						
SOUND	Microphone	type	SV 25D or SV 25S (O)			ACO 7052			ACO 7052S_1						ACO 7052H			GRAS 40AE			O			
		sensitivity	47 mV/Pa			20 mV/Pa			22 mV/Pa						50 mV/Pa			50 mV/Pa			microphone dependent			
		measurement range	45 dBA RMS ÷ 141 dBA Peak			26 dBA RMS ÷ 141 dBA Peak			25 dBA RMS ÷ 141 dBA Peak						24 dBA RMS ÷ 141 dBA Peak			22 dBA RMS ÷ 140 dBA Peak			microphone dependent			
	frequency range	20 Hz ÷ 8 kHz			20 Hz ÷ 20 kHz			20 Hz ÷ 20 kHz						10 Hz ÷ 20 kHz			3.15 Hz ÷ 20 kHz			microphone dependent				
	Standards	IEC 61252-1993; ANSI S1.25-1991, Type 2 : IEC 61672:2002			Type:2 IEC 61672-1:2002, IEC 61260			IEC 61672:2002						IEC 61672-1:2002, IEC 61260			IEC 61672-1:2002, ISO 532B			IEC 61672-1:2002, IEC 61260				
	Acoustic dose meter	√	√	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Tonality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Loudnes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	RT60	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	√	0	0					
	Outdoor microphone kit	-	-	-	-	-	-	0	0	0	-	-	-	-	0	0	0	-	-					
Internal noise level	-			less than 18 dBA RMS			less than 18 dBA RMS						less than 17 dBA RMS			less than 15 dBA RMS			microphone dependent					
VIBRATION	Accelerometer	type										3185D			3185D			O			O			
		sensitivity										100mV/ms-2			100mV/ms-2			accelerometer dependent			accelerometer dependent			
	frequency range										2 Hz ÷ 8 kHz			2 Hz ÷ 8 kHz										
	Standards										ISO 10816, ISO 8041:2005; IEC 61260			ISO 10816, ISO 8041: 2005, IEC 61260			ISO 8041:2005, ISO 10816-1, IEC 61260			ISO 8041:2005, ISO 10816-1, IEC 61260			ISO 8041:2005, IEC 61260	
RPM	0			0			0			0			0			0			0			0		
Balancing	-			-			-			0*			0*			-			0*			0*		
HumanVib Filters	0			0			0			0			0			0			0			√		
ADDITIONAL INFO	Report printing with SV55 RS232 interface	-	-	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0						
	External Trigger	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√						
	Trigger output/Alarm function	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√						
	RS232	-	-	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0						
	USB client	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√						
	USB host	-	-	-	-	-	-	-	-	-	-	-	-	-	√	√	√	√						
	Internal power supply	2 x AA batteries			4 x AA batteries			4 x AA batteries			4 x AA batteries			4 x AA batteries			4 x AA batteries			4 x AA batteries				
	Operation time	> 20 h			> 12 h			> 12 h			> 12 h			> 12 h			> 12 h			> 12 h				
	External power supply	-	-	6 V DC ÷ 15 V DC (1.5 W)			6 V DC ÷ 15 V DC (1.5 W)			-			6 V DC ÷ 15 V DC (1.5 W)			6 V DC ÷ 15 V DC (1.5 W)			6 V/500 mA DC ÷ 15 V/ 250 mA DC			6 V DC ÷ 15 V DC (1.5 W)		
	Power supply by USB	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√					
	SAVE / AUTO SAVE	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√					
	Logger / Time history	√	√	0	√	√	√	0	√	√	0	√	√	√	√	√	√	√	√					
	Time domain signal recording	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0*	√					
Audio events recording	0	0	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0*	√						

Standard	√
Not possible	-
Optional	0

* not available yet

