

SV 93

Impact Sound Source

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The SV 93 tapping machine is an impact sound source for building acoustic measurements. To produce impact sound, the SV 93 uses an electromagnetic lifting system of five hammers. The inbuilt microprocessor guarantees excellent precision of the hammers' fall timings. The device is lightweight and easily transportable. In addition to mains power, the tapping machine has an inbuilt battery that provides a 1-hour operating time.



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What is an electromagnetic hammer lifting system?

The SV 93 tapping machine generates an electromagnetic field to raise the hammers. Because the solution is not using a geared motor or mechanical parts to move hammers, there are no vibrations that would interfere with the produced impact sound. In addition, the use of an electromagnetic field reduces friction during the movement of the hammers.



Standards	ISO 140-6/-7, ISO 10140-3, ISO 16283-2, ISO 717-2, DIN 52210, BS 5821, ASTM E492, ASTM E1007	
Hammers	Five steel hammers (diameter 30 mm, weight: 500 g) in accordance to ISO 140	
Remote control	Wireless: 433,92 MHz - 100 m range in the open field	
Autonomous operating time	to 55-60 minutes	
Standby mode time	to 30 hours	
Protection	6,0 A auto restore fuse	
Power supply	AC power supply	100 - 240 V; 50-60 Hz; 125 W (Charge 35 W)
	DC power supply	21,0 V - 28,0 V; 4,5 A
Environmental Conditions	Operating temperature	-10 °C to +40 °C
	Storage temperature	-20 °C to +60 °C
	Humidity	90% (non-condensing at 40 °)
Dimensions	120x260x560 mm (with the bottom cover)	
Weight	12,5 kg (with the bottom cover and battery pack)	
List of contents	SV 93 Impact Sound Source, equipped with five steel hammers and the bottom cover Wireless standard 433,92 MHz remote controller Ni-Mh battery pack and AC cable (5 m)	
Optional accessories	SA 93 Flight case (7,5 kg)	