



# Qsources

INFRA-QSOURCES



## Qtap

LIGHTWEIGHT, BATTERY POWERED TAPPING MACHINE

Tapping machines are commonly used for noise transmission measurements such as test of general impact noise in dwellings in floors and stairs of buildings. Qsources Qtap is a remote controlled and battery powered tapping machine with a low weight of only 8.1 kg. Qtap ensures a correct tapping frequency and high precision fall timing. The high quality, aluminium housing ensures the machine is robust enough to allow measurements in diverse construction sites. Easy transportation is guaranteed due to the machine's light weight and the included soft carry case. Qtap complies to diverse international standards such as ISO 16283-2, 717-2, 140 and ASTM E492.

### Qtap

#### SPECIFICATIONS\*

Description	Lightweight, battery powered tapping machine*
Weight	8.1 kg
Dimensions	450 x 238 x 120 mm
Mains power requirement	Internal battery or 50 Hz - 230V
Hammers	5, placed in straight line
Inter-axcle spacing	100± 1 mm.
Hammer speed	0.886 m/s ± 3%
Hammer mass	500gr. / Height: 40mm. Tolerance: ± 5%
Hammer diameter	30 ± 0.2mm.
Front Radius & Curve	500mm.
Tapping Rate	100 ± 5 ms.
Tapping interval	100 ± 20 ms.
Product maintenance	No maintenance required
LED Indicators	√ Battery Level & Power
Shock absorbent Anti-vibration support	√
Integrated Remote Control	√ Range up to 100 metres**
Remote carrier Frequency	AM 433 Mhz
Remote EMC compliance	Complies to ETS300-339. FCC certified for use in USA
Battery powered	√ 1 hour operating time
Industry Standards	ISO 140-6 / 140-8 / 140-11 / 717-2 / 16283-2 / DIN52210 / ASTM E492 / UNI 11569-2015



**Lightweight**  
8.1 kg. incl. accessories



**Battery Powered**  
>1 hour operating time



**Shock absorbent**  
Anti-vibration supports



\* These specifications may be adapted if necessary to improve the quality.  
\*\* Range in free sight. The range can be influenced by metal structures.