

Elvis Seismic Vibrator Data Sheet

Elvis is a compact P or S wave vibratory source is ideal for high resolution seismic reflection surveys.

The newly available Sweep Freq vibrator control software developed by Geomatrix, means that you can control the operation of both Geodes and the vibrator from the same PC, and have total control over your sweep parameters and output amplitude, please refer to Sweep Freq page for further details.

Elvis brings the control of data quality previously the realm of seismic reflection surveys for the oil industry in to the hands of the engineering geophysicists.

Applications

- Reflection seismic surveys
- VSP surveys
- Building ground investigations
- Shear wave studies



Elvis fitted with S-wave source head.

Product Dimensions

Physical	Dimensions (L x W x H)	Weight
(instrument only)	150cm x 75cm x 75cm	130kg

Technical Specifications

Drive System:	Cascaded – linear motor.
Power supply:	12 V or 24 V DC.
Peak force:	about 450 N.
Frequency range:	P Wave: 20 – 320 Hz. S Wave: 20 – 400 Hz
Source weight:	about 35 kg (Quelle)
Signal penetration depth:	P Wave: 60 - 100 m (VSP 200 m) S Wave: 100 - 150 m (VSP 200 m)