



: Technical Specification

AA200 and AA300 Seismic Sound Source, Boomer Plates

The two boomer plates, the AA200 and AA300, produce a sharp, repeatable "industry standard" single pulse. Both models are field proven and differ in detail specification.

The Model AA200 is the 'small format' transducer which can be towed on either the CAT100 or CAT200 surface tow vehicles. It is ideal for inshore surveys for high resolution sediment analysis with the CSP-L energy source or as a higher penetration device with the CSP300-P and CSP-D models.

The Model AA300 is designed for higher power applications and has the extra advantage of use as a variable frequency boomer when used with the CSP-D range of energy sources. This allows wide ranging pulse widths not formerly available. The lengthening of the pulse width ensures even greater penetration whilst maintaining a high quality single pulse.



AA200

MODEL TYPES - PHYSICAL SPECIFICATION

	Size	Weight air/water	Fixing Centres
Model AA200	38cm x 38cm	18kg/10kg	31.5cm ²
Model AA300	62cm x 52cm	25kg/14kg	40.6cm ²

ELECTRICAL INPUT

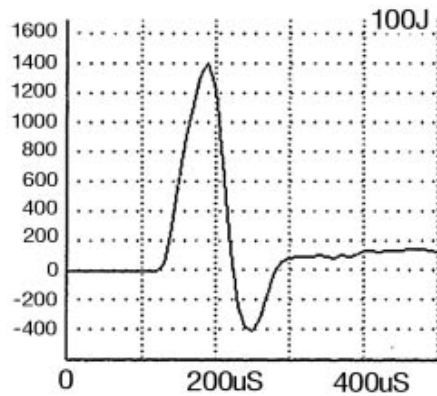
Recommended Power	AA200, 50 – 200J/shot AA300, 100 – 300J/shot
Maximum Energy Input	AA200, 300J/shot AA300, 350J/shot
Maximum power Input	AA200, 600J/second AA300, 1000J/shot

SOUND OUTPUT

Source level	AA200, 215 dB re 1 µPa at 1 metre with 200J AA300, 218 dB re 1 µPa at 1 metre with 300J
Pulse Length	AA200, 120/150/180 mS at 50/100/200J AA300, 150 – 400 mS depending on energy setting of CSP-D
Reverberation	AA200, <1/10 x initial pulse AA300, < 1/10 x initial pulse
Connector type	Enhanced Joy Plugs. Models AA201 and AA301 fitted with RMK type

COMPATIBILITY*

Energy Source	AA200, CSP-L; CSP300P;CSP-D AA300, CSP300P;CSP-D
Catamaran	AA200, CAT100; CAT200 AA300, CAT200



AA200 PULSE SHAPE



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* Also compatible with older model CSP units.

