



Equipment Specifications

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540 Tip Sparker System

The GSO 540 sparker system is a stable and repeatable energy source featuring dual planar electrode arrays. By working in negative polarity mode the system reduces the electrode tip wear to practically zero, reducing costly time replacing worn electrodes.

The effective source depth can be selected by means of two adjustable floats positioned on out riggers either side of the sparker frame.

The HV tow cable is specially manufactured and has a double insulation jacket and an integrated Aramide braid (BS 2000daN).

Typically TTS supplies the 540 tip sparker with the Applied Acoustics CSP-N series power supplies, however other are available.



Specifications

Frame Material: 316 Stainless Steel with Aluminium Anodes

Number of tips: Grouped in banks of 90 up to 540 tips

Standard Configuration: 6x90 = 540 tips

Recommended Power: 6.6Joule/Tip

Dominant Frequency: 500-2000HZ

Primary Pulse Length: 0.5ms

HV Cable

Design: Coaxial double insulated HV cable

Max Voltage: Tested to 56000 V pulse (100-200microseconds)

Outer Diameter: 30mm

Bend Radius: 400mm

Wet Termination: 4x Single pin HV connectors



HV Power Supply

Design: Negative Polarity

Preferred Unit Model: Applied Acoustic CSP-N Series

(although other Negative Polarity units can be Connected).

Dimensions & Weight:

Length: 109cm

Width: 75cm

Height: 43cm

Weight: 60KG

