

DigiTRAK® ECLIPSE® SST® Guidance System



The DigiTrak® Eclipse® SST® advanced HDD guidance system is easy to use, and it delivers quick and accurate steering data. The system eliminates the need for a DC wire grid and its lengthy setup time. Due to the small size of the SST® transmitter, tight turning radii can be achieved.

The SST® system monitors the tool's compass heading (azimuth) in degrees and provides the op-

erator with a lateral deviation (in degrees) from the intended path for quick steering corrections.

With the Eclipse® receiver and multifunction display, the operator can view real-time position and depth data. A laptop computer also graphically displays the tool's progress in real time. It shows both a profile view of the bore and a bird's-eye view of the lateral deviation.

SST® Transmitter Specifications

Battery type	12V to 28V DC
Battery life.....	Cable power
Operating temperature range	22°F to 122°F (-5.6°C to 50°C)
Diameter	1.25 in. (3.175 cm)
Length.....	24 in. (60.96 cm)
Weight	3 lb (1.4 kg)

- Real-time measurements of:
 - Compass heading (azimuth)
 - Tool face (roll) positions
 - Inclination (pitch) in degrees
 - Temperature in Fahrenheit or Celsius
- Computed depth and lateral position
- Available as an upgrade to the Eclipse® iGPS® (inGround Positioning System)



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