

# High Side Indicator

## Titan | Instruments

**The High Side Indicator tool (HSI) is used to report the relative bearing and inclination of the downhole tool string in the wellbore during oriented perforating applications.**

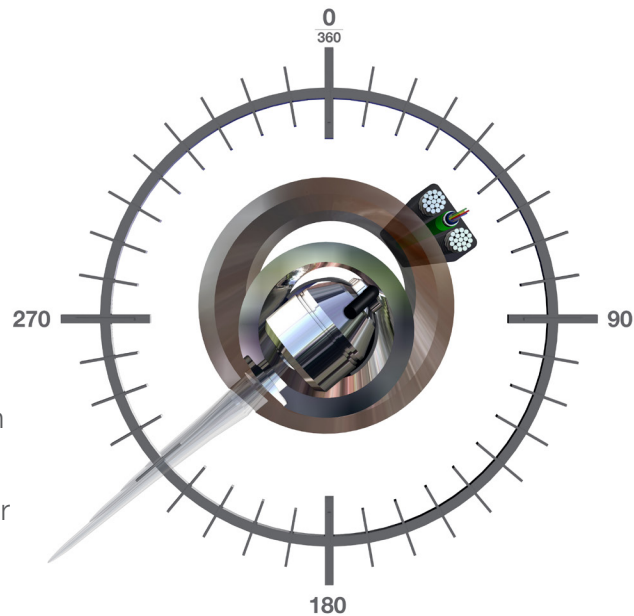
The HSI is crucial when using eccentric weight bars to avoid perforating fiber optics or dual casing strings. The High Side Indicator features a 3-axis accelerometer to determine the orientation of the tool string relative to zero degrees which is indicated by a notch on the HSI top sub. The tool has a negative fire only firing circuit for ControlFire® perforating operations.

### Features

- Outputs relative bearing and inclination.
- Rugged design tested with perforating guns and setting tools
- Compatible with ControlFire and negative voltage perforating operations.
- Onboard temperature sensor

### Benefits

- Realtime surface data confirms the orientation of guns with high degree of accuracy
- Utilizes locking collars to orient guns toward or away from target
- Aids in the prevention of severed casing strings or cable behind casing
- For logging and perforating operations



### Quick Specs

Part Number	8121-27557AC000-00-71
Tool O.D. (in) [cm]	2 3/4" (3.65 cm)
Temperature Rating	350°F (176.67°C)
Maximum Pressure Rating	20,000 PSI (124 MPa)
Length	32.58" (828 mm)
Recommended Logging Speed	30-40 ft (9.1 M) / Min
Max. Logging Speed	60 ft (18.3 M) / Min
Operational Voltage	50 VDC
Operating Current	60 mA