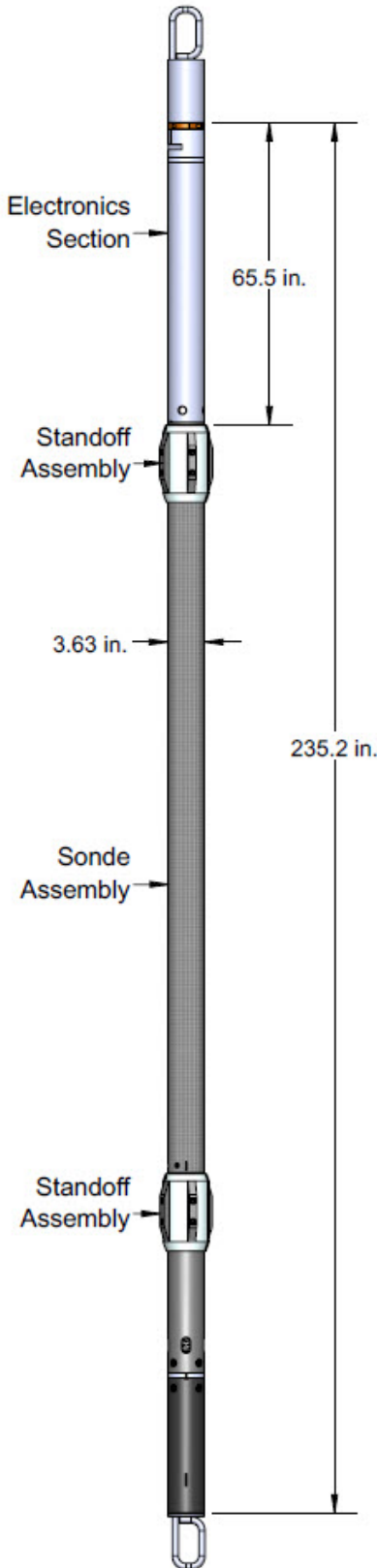


PICO THIN BED INDUCTION (PTBI)



DIMENSIONS AND RATINGS

Max Temp:	350°F (175°C)	Max Press:	20,000 psi
Max OD:	3.625 in. (9.2 cm)	Min Hole:	4 in. (9.52 cm)
Length*:	19.6 ft (5.97 m)	Max Hole:	24 in. (61 cm)
Weight:	299 lb		

BOREHOLE CONDITIONS

Borehole Fluids:	Salt <input type="checkbox"/>	Fresh <input checked="" type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Air <input checked="" type="checkbox"/>
Recommended Max Logging Speed:	100 ft/min			
Tool Positioning:	Centralized <input checked="" type="checkbox"/>	Eccentralized <input checked="" type="checkbox"/>		

HARDWARE CHARACTERISTICS

Source Type:	16, 24, 32 KHz Coil Arrays
Sensor Type:	Coil Array
Sensor Spacings:	Proprietary
Sample Rate:	4 samples/ft
No. Channels:	6
Full Spectrum:	na
Combinability:	Bottom only

MEASUREMENT

Principle	Induction
Range	0.2 to 2000 ohm-m
Vertical Resolution	1,2,4 ft
Depth of Investigation (50%)	10 to 90 in
Accuracy	± 2%
Primary Curves	HR90, HR60, HR30, HR20, HR10
Secondary Curves	

CALIBRATION

Primary:	Precision conductive loop
Secondary:	Internal R and X Cal signals
Wellsite Verifier:	Precision resistor, sonde error offset

PHYSICAL STRENGTHS*

Hardware	Tension	Compression	Torque
Tool Joints	130,000 lb (59,000 Kg)	130,000 lb (59,000 Kg)	600 ft-lbs (850 n-m)
Other	75,000 lb (34,020 Kg)	75,000 lb (34,020 Kg)	na

* Strengths apply to new tools at 70°F (21°C) and 0 psi.