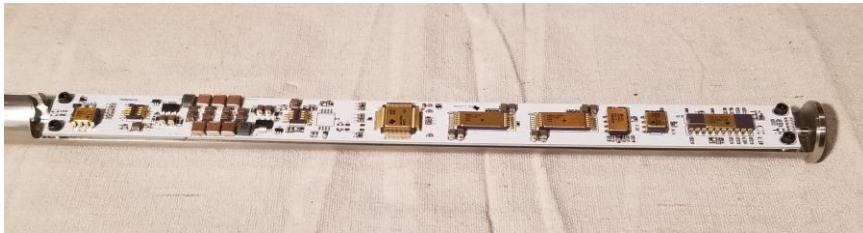




Ultra High Temperature Logging Tool for Geothermal Wells

- DNV-GL, Rapid Prototypes, GeoTex Design Solutions and Veizades & Associates are changing the Geothermal Logging Game
- Through research, materials science, advanced additive manufacturing techniques and electromechanical design, our team is developing a new generation of logging tools to better develop our Geothermal Resources



Specifications

Operational

Description	Specification
Tool OD	4.5" / 114.3mm
Tool Length	40" / 1m
Max Temperature	400°C / 752°F
Max Pressure	15,000PSI / 1034Bar
Max Time at Temperature	10 hours ¹
Well Fluid Compatibility	2% H ₂ S, HCl, 20% NaCl Brine, pH≥2
Measurements	Well Temperature, Well Pressure, Inclination, Orientation, Electronic Temperature

Electrical

Description	Specification
Pressure Measurement Range	0 – 15,000PSI / 0 – 1207Bar
Pressure Measurement Accuracy	10PSI / 0.69Bar
Pressure Measurement Resolution	1PSI / 0.07Bar
Temperature Measurement Range	-55 - 450°C / -67 - 842°F
Temperature Measurement Accuracy	1°C / 1.8°F
Temperature Measurement Resolution	0.1°C / 0.18°F
Inclination / Orientation Accuracy	2°
Inclination / Orientation Resolution	0.5°
Sampling Frequency	Programmable <10Hz
Data Storage	Onboard – non-volatile
Data Recovery	Serial retrieval

Mechanical

Description	Specification
Tool OD	4.5" / 114.3mm
Tool Length	40" / 1m
Cable Connection	1-9/16-10 UN
Max tensile strength	20,000lbf / 89,000N
Max compression strength	20,000lbf / 89,000N