



G.R.I.P.[®] Geophone String Checker

- Water resistant and rugged construction; easily portable for all line conditions
- Temperature compensation in a 50°C range ensures accurate readings
- Low amplitude sine-wave drive can detect dragging coils
- Plug-in modules allow for easy reconfiguration to a different string, geophone, or hydrophone type
- Self testing with low battery alarm



The G.R.I.P. Geophone String Checker is a hand-held unit, allowing a quick and efficient method of checking Geophone string Resistance, Impedance, and Polarity (G.R.I.P.). It is calibrated for the string parameters by a plug-in module, and any deviation from the nominal values is displayed on a panel meter. The unit is temperature compensated and has an audible tone for polarity and low battery warning.

Using the G.R.I.P. on the line, supported by the SMT-200 Geophone Tester to analyze any faults detected, ensures complete quality control of geophone strings.

The G.R.I.P. can also be configured for checking hydrophone parameters and in combination with the S.H.A.R.P. Hydrophone Tester offers quality assurance for hydrophone units.

Specifications

INPUT/OUTPUT, INC.

Resistance Check detects	G.R.I.P. Open-circuit coils Open-circuit shunt resistors Open-circuit strings Short-circuit geophones Short-circuit strings
Impedance Check detects	Dragging coils Sticking coils Significant frequency, sensitivity, damping, and distortion problems Incorrectly-planted geophones
Polarity Test detects	Reversed-polarity strings or geophones
Battery Life	50 hours to 100 hours (with alkaline batteries)
Battery Type	2 x 'PP3' 9 V
Physical Characteristics (in a leather carry-case)	
Length	185 mm (7.28 in)
Width	90 mm (3.54 in)
Depth	65 mm (2.56 in)
Weight	890 g (31.4 oz)
	This product is manufactured by I/O Sensor Nederland b.v., under license from Geco-Prakla, patent applied for.
Limited Warranty Period	180 days

Ordering Information

G.R.I.P. Checker	P/N 52072 <i>Please, provide information about the type of geophone/hydrophone, the string configuration, and the connector type at time of ordering. This information is necessary for module preparation.</i>
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