



REF TEK

SYSTEMS INC.

The calibration sheet attached is the original calibration sheet for your REF TEK product and includes contact information and branding for the company that performed the testing.

Reftek Systems Inc. purchased the REF TEK product line in May 2020.

Reftek Systems will honour existing product warranties and extended warranties.

ANY QUESTIONS OR REQUESTS FOR SUPPORT SHOULD BE ADDRESSED AS FOLLOWS:

Sales & Administrative: sales@reftek.com

Support & Engineering: support@reftek.com

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REF TEK 151B-120 Observer Parameters Table

Seismometer Serial Number	Component	Period (sec)	Damping Coefficient	Output Voltage Sensitivity (V/m/s)	Calibration Sensitivity (m/s ² /A)
G14128VS	Vertical	120.6	0.707	1994.0	11.6902
	North/South	119.7	0.706	2000.8	10.6769
	East/West	120.0	0.707	1984.6	10.6491

Zeros: 2 radians

$$z1 = 0$$

$$z2 = 0$$

Poles: 4 radians

Vertical	p1 =	-0.036850	+0.036861 i	p3 =	-222.144	+222.144 i
	p2 =	-0.036850	-0.036861 i	p4 =	-222.144	-222.144 i
North/South	p1 =	-0.037056	+0.037172 i	p3 =	-222.144	+222.144 i
	p2 =	-0.037056	-0.037172 i	p4 =	-222.144	-222.144 i
East/West	p1 =	-0.037034	+0.037045 i	p3 =	-222.144	+222.144 i
	p2 =	-0.037034	-0.037045 i	p4 =	-222.144	-222.144 i