



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:

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Support & Engineering: support@reftek.com

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151-120A Observer Parameters Table

Seismometer Serial Number	Component	Period (sec)	Damping Coefficient	Output Voltage Sensitivity (V/ m/ s)	Calibration Sensitivity (m/ s ² / A)
G10111VS	Vertical	119.86	0.703	2005.30	10.8454
	North/ South	119.73	0.706	2018.69	10.2019
	East/ West	119.98	0.709	2007.16	10.2615

Zeros: 2 radians

$$z1 = 0$$

$$z2 = 0$$

$$z3 = -1.817998e + 001$$

Poles: 6 radians

$$p1 = -3.701843e - 002 + 3.702961e - 002 i$$

$$p2 = -3.701843e - 002 - 3.702961e - 002 i$$

$$p3 = -1.803307e + 002 + 1.899224e + 002 i$$

$$p4 = -1.803307e + 002 - 1.899224e + 002 i$$

$$p5 = -2.095807e + 001$$

$$p6 = -7.720300e + 002$$