



# 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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## 151-120A Observer Parameters Table

Seismometer Serial Number	Component	Period (sec)	Damping Coefficient	Output Voltage Sensitivity (V/m/s)	Calibration Sensitivity (m/s <sup>2</sup> /A)
G10120VS	Vertical	120.10	0.709	2029.65	10.9874
	North/South	120.60	0.713	1986.94	10.2091
	East/West	120.19	0.713	2022.30	10.1023

**Zeros: 2 radians**

$$z1 = 0$$

$$z2 = 0$$

**Poles: 4 radians**

$$p1 = -0.03702 + 0.03702i$$

$$p2 = -0.03702 - 0.03702i$$

$$p3 = -222.11 + 222.11i$$

$$p4 = -222.11 - 222.11i$$