

Materials List for:

The Calibration and Use of Capacitance Sensors to Monitor Stem Water Content in Trees

Ashley M. Matheny¹, Steven R. Garrity², Gil Bohrer³

¹Department of Geological Sciences, Jackson School of Geosciences, University of Texas at Austin

²METER Group, Inc., USA

³Department of Civil, Environmental and Geodetic Engineering, Ohio State University

Correspondence to: Ashley M. Matheny at ashley.matheny@jsg.utexas.edu

URL: <https://www.jove.com/video/57062>

DOI: [doi:10.3791/57062](https://doi.org/10.3791/57062)

Materials

Name	Company	Catalog Number	Comments
Ruggedized Soil Moisture Sensor	METER Group Inc.	GS-3	Capacitance sensors
1/8" drill bit	Any	N/A	
9/64" drill bit	Any	N/A	
Drying oven	Any	N/A	
Chainsaw	Any	N/A	
Electric drill	Any	N/A	
Bucket for water bath	Any	N/A	
Alcohol swabs	Any	N/A	
Draw knife	Any	N/A	
Data logger	Any	N/A	
Silicon sealant	Any	N/A	