




Recommended Energy Audit Tools

The following tools are utilized in several [hands-on resources lending kits](#) available through the Wisconsin Center for Environmental Education. Product prices and availability are subject to change at any time. Many comparable devices (alternative brands/models) are available through hardware stores and online. Please feel free to contact us with any questions.

Device	Cost	Type of Battery	Model
Watt Meter 	\$23	N/A	P3 International P4400 Kill A Watt
Infrared Thermometer 	\$17	1 – 9V (included)	Etekcity 1080
Light Meter 	\$22	6 – AAA (included)	Dr. Meter LX1330B
Digital Indoor Thermo-hygrometer 	\$9	1 – AAA (included)	Harbor Hygrometer
Waterproof Digital Fridge/Freezer Thermometer 	Varying	(Included)	Varying



<p>Thermal Imaging Camera Attachment</p> 	\$200	1 – 3.7V Power supply cable (included)	Flir ONE (sold separately for iOS or Android devices)
<p>Flicker Checker</p> 	\$2	N/A	NEED Project
<p>Heavy Duty Carrying Case</p> 	\$180	N/A	Pelican 1600 Protector Case

Tool Design Considerations

From our partners at Upham Woods 4-H Center,

- Memory – the ability to store and easily transfer the data it collects to other platforms.
- Power – powered by removable and chargeable battery sources
- Portability – small, lightweight and cordless
- Off-line – does not require internet connectivity to achieve full functionality
- Dedicated device – each tool has a single data role and function
- Platform neutral – tools not tied to a single computer operating system
- Digital artifact – the ability to collect and save data imagery to limit the need to remove material from the field



Wisconsin K-12 Energy Education Program (KEEP)
College of Natural Resources
University of Wisconsin - Stevens Point

Phone: (715) 346-4770
E-mail: keep@uwsp.edu
Website: <http://www.KEEPprogram.org>