




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

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



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