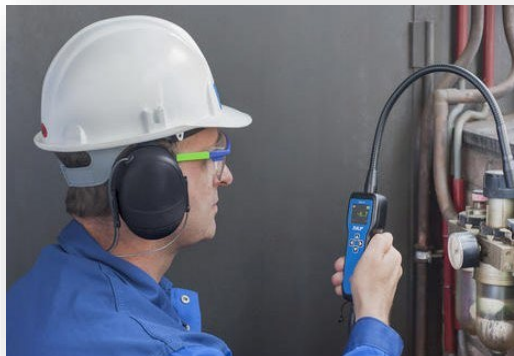


Water System Efficiency Tools and Resources



To improve energy performance and cut operating costs, you need to understand how systems in your building use energy.

Seattle Public Utilities Saving Water Partnership can help by providing free access through an online platform to a full range of diagnostic tools—ranging from simple motor loggers to sophisticated ultrasonic flowmeters. Through an arrangement with the Smart Buildings Center, a regional resource for energy efficiency, commercial and industrial building owners and managers can borrow tools at no charge.

Benefits of Diagnostic Tools

- Troubleshoot equipment issues
- Reduce maintenance
- Fine tune building performance
- Identify energy waste
- Improve comfort
- Try a tool before purchase

The main water system efficiency tools offered through the Tool Lending Library are as follows:

- Hobo 4-channel data logger
- Hobo UX 90 and Dent motor loggers
- Insertion Flow Meter
- Ultrasonic flowmeters
- Infrared Cameras
- Ultrasonic Leak Detectors
- Conductivity/TDS Meter

[HTTPS://WWW.SMARTBUILDINGSCENTER.ORG/TOOL-LIBRARY/](https://www.smartbuildingscenter.org/tool-library/)



Hobo 4-channel data logger – Gather energy consumption and/or temperature data for water using equipment.



Hobo UX 90 and Dent motor loggers - Gather run time for motors, pumps, compressors, and other equipment for water use assessments.



Insertion Flow Meter – Troubleshoot flow anomalies.



Ultrasonic flowmeters - Non-invasively determine how much water is used by a particular piece of equipment or a section of a building over time.



Infrared Cameras -Find leaks at steam traps or water pipe breaks inside walls/ceilings.



Ultrasonic Leak Detector – Find hidden water and steam leaks, including leaks at steam traps.



Conductivity/TDS Meter – Check conductivity of water in a cooling tower and other equipment.

Smart Buildings Center hosts a lending “library” of diagnostic tools available to building owners and managers, as well as energy service professionals in Washington State and Oregon, for short term data collection on energy using equipment and systems in commercial and institutional buildings.

*Available tools include loggers, logger sensors, power and light meters, air flow tools and more. Browse **the tool inventory online** or view **our Tool List (PDF)**.*

WANT TO LEARN MORE? Contact us at info@smartbuildingscenter.org | 206-538-0832

Thank You to our Sponsors!