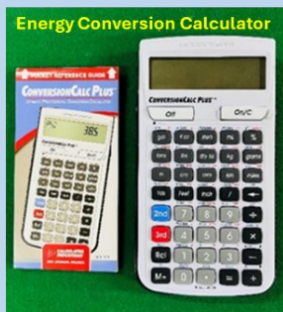
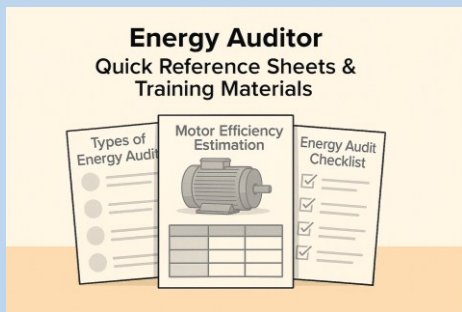
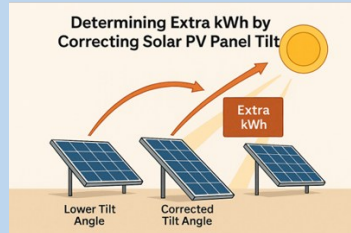
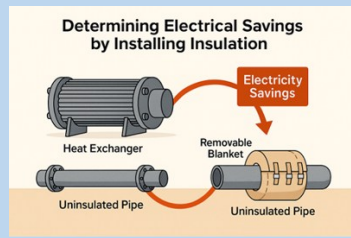
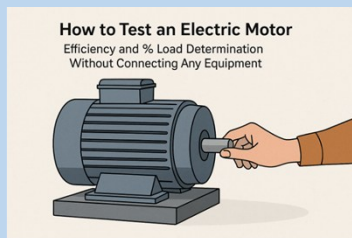


Energy-Master Pro Audit Kit

NOT JUST TOOLS: A complete audit system that includes Energy Auditor quick reference sheets.



Engineered to deliver real, measurable results, this powerful toolkit has helped manufacturing and commercial facilities cut energy waste and unlock substantial cost savings. It's the very same solution trusted in dozens of professional energy audits that have resulted in annual energy savings of **\$200,000 to \$850,000 per facility**.

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www.carolinasenergy.com

Email: tammy@carolinasenergy.com

Toolkit Contents (per photo below)



- **Digital non-contact stroboscope tachometer** – to determine electric motor load & efficiency, fan, and pump speeds. Also used for VFD (Variable Frequency Drive) optimization.
- **Kill A Watt 120-volt electricity usage monitor** – measures: Volts, Amps, Watts, KWH, HZ. Learn which appliances are costing you money.
- **Digital Light Meter** – Lux/Fc
- **Sound Level Meter** (Db) – weighting A, C, & Z for calculating CFM compressed air leak cost savings. Used together with Ultrasonic Leak Detector and MEASUR (DOE online energy savings calculator).
- **IR Thermal Imaging Camera** – allows one to visualize an entire scene in thermal.
- **IR Thermometer** - quick on-the-spot temperature measurement and for measuring long range surface temperatures.
- **Handheld artificial smoke generator** – to determine back drafting, duct or building air leaks, HVAC, and small compressed air and/or vacuum leaks.
- **AC Clamp Meter** – measure voltage unbalance & voltage drop.
- **Non-Contact Voltage Tester** – senses AC voltage from 50-600 V AC.
- **Digital indoor humidity & temperature monitor** – determines effectiveness of A/C central cooling systems and indoor comfort levels.
- **Mechanics Stethoscope** – diagnostic tool to determine low refrigerant levels on A/C cooling and refrigeration equipment, and steam trap malfunction.
- **Digital Manometer (with two static pressure probes)** – easily measure the pressure differentials across air filters and pneumatic systems.
- **Digital Anemometer** – measure air flow requirements per ASHRAE requirements, measures outside air (O.A.) intake requirements for buildings.
- **Receptacle outlet tester (Type TR250)** - a device used to verify that an AC wall outlet is wired properly and for net-zero wiring problems.
- **Equipment carry-case** – metal Aluminum Hard Case with Pre-Cut Foam for Travel and Storage.
- **Ultrasonic leak detector (with telescopic +10ft. pole)** – uses for finding compressed air leaks, noisy motor bearings, and faulty steam traps.
- **Energy Conversion Calculator** – used to quickly convert between different energy units, for example; BTU, kW, btu/hr., hp, kcal, etc.
- **Quick Reference Sheets** – USB thumb drive with lots of Energy Auditor field check sheets.