

| Application | Equipment | Comments | Skill Level of Operator | Equipment Cost | Safety Implications |
|------------------------------|----------------------------------|--|-------------------------|----------------|---------------------|
| Electrical Energy | 3 Phase unbalanced Loads | Can measure many functions. Values displayed on LCD screen plus memory data storage facility. Ability to time print measured results. | High | High | Yes |
| Electrical Energy | 3 Phase unbalanced Loads | Can measure many functions. Values displayed on LCD screen. Ability to time print measured results | High | Medium | Yes |
| Electrical Energy | 3 Phase unbalanced Loads | Can measure a few functions. Values displayed on LCD screen on hand held instrumentation. | Medium | Low | Yes |
| Temperature | Digital Thermometer, | Uses different types of thermometer probes to measure gas, liquid and surface temperatures. Values displayed on hand held instrument | Low | Low | No |
| Temperature | Infrared thermometer | Allows surface temperature to be measured at a distance of 5 meters. Hand held instrument displaying reading on LCD | Low | Low | No |
| Temperature | Differential temperature | Allows the temperature of two pipe lines to be measured using pipe clamp on thermometer | Low | Low | No |
| Air velocity and Pressure | Micro manometer | Allows air pressure and volume flow to be measured in ducts. Hand held instrument with LCD screen with optional data logging features. | Medium | Medium | No |
| Humidity | Hygrometer | Measures relativity humidity. | Low | Low | No |
| Equipment hours of Operation | Hour Run Meter | Measures equipment on-off time | Low | Low | Yes |
| Combustion Efficiency | Boiler Combustion Test Equipment | Measures boiler combustion efficiency. Print out of results plus display on LCD screen. Selection for various fuel types. | Medium | Medium | Yes |
| Leak detection | Ultrasonic Leak detector | Measures leaks from air and steam systems. Includes ear phones, probe and hand held indicator. | Medium | Medium | Yes |