

**Equipment at Regional Energy Efficiency Center for Buildings
at CEPT Ahmedabad**

S. No.	Equipment
1	Heat Flow Meter (No.1) for opaque building material for its thermal conductivity Instrument with software support
2	Air Leakage Chamber (No.1) for fenestration products with blower, pressure measurement instruments, laminar flow device etc (Procurement of components and on-site assembly of testing facility)
3	External & internal environment stand alone data loggers (No 15) and probes (No 5) for temperature, RH, Lux & CO2 measurements
4	Indoor Air Quality Meters (to measures RH – dew point, globe temperature) with loggers and extended Probe (No 2) for instantaneous measurements
5	Indoor Air Quality Meters (No. 2) for instantaneous measurements for CO, CO2 % outside air, calculation for wet bulb & dry bulb temperatures
6	Surface temperature RTD PT100 sensors (No 30) for measuring surface temperature of walls, windows and roof with controller display
7	Weather Station Kit (No 1) temperature & RH Sensor, cross arm for Wind Speed/Direction sensor, Solar Radiation Shield for Temperature & RH sensors & Tripod
8	Universal Light Monitor (No 1) for instantaneous measurements of Thermal Radiation (IR), Ultra Violet (UV) and Visible light (Lux)
9	Single lens reflector spot luminance meter (No.1) for measuring light source and surface brightness
10	CFD Energy Modeling Software