

Measurement equipment

For energy consultants, caretakers, consulting engineers and environment issues managers the ideal tool for building diagnostics and room air analyses.

Furthermore there can be made analyses in the field of water consumption, lighting and energy consumption of electrical appliances.



The measurement devices are arranged clearly and optically attractive in a specific green suitcase. Everything is always completely at hand, extra material is not necessary.

With the set of equipment supplied, the following measurements are possible:

Room air quality

With the high-class multi measuring device and a multiple sensor the CO₂-concentration, relative air humidity, indoor temperature and the absolute air pressure can be measured contemporaneously.

The values are displayed on a big LCD-display and can be logged optionally.

With the relative air humidity and the indoor temperature it is possible to determine the dew point temperature tabularly.

Surface temperature

With the infrared thermometer it is possible to measure surface temperatures contactless.

The wall temperature can be inspected of critical dew point temperatures (mildew potential).

Illuminance level

With the lux meter living areas and workplaces can be inspected of adequate and evenly distributed illuminance level - which is prerequisite for a non fatigue seeing.



This way it is possible to detect deficiencies and wasteful illumination can be avoided.

Water consumption

With the flow rate meter the water consumption at every spigot can be determined.

Energy consumption of electrical appliances

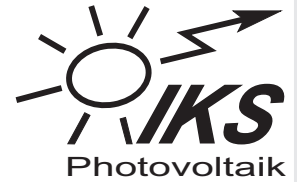
With the energy meter the energy consumption of electrical appliances can be determined as well as the energy costs.

Room dimensions

Longitudes, areas and volumes can be measured comfortably and contactlessly with the electronic distance meter.

Energie Check

Profi



Content



- 1 Luxmeter digital**
Effective range 0 - 50.000 Lux, value-hold-function, sensor external with spiral cable. Metering precision +/- 5% + 2 digits



- 1 Electronic distance meter digital**
Effective range 0,6 ... 20 m, with laser pointer, measuring of longitudes, areas and volumes, memory, adding up function. Metering precision +/- 0,5%



- 1 Energy cost meters digital**
Measuring of energy, power (Effective, apparent and idle power), voltage, current, power factor, frequency, measuring time 24 h, 1-7 or 1-30 days, costs, min. / max. values, cost prognosis and more features. Max. 3.680 W.



- 1 Multi measuring device**
With multiple sensor (IAQ sensor) for measuring of CO₂-concentration 0 .. + 10,000 ppm, temperature 0 .. + 50° C, relative air humidity 0 .. + 100 %, absolute air pressure + 600 .. 1.150 hPa. Big digital LCD display. With data logger. Set up of up to 99 measuring localities

- 1 Power supply
- 1 USB interface cable
- 1 Software



- 1 Flow rate meter**
Effective range 1 to 25 l/min, actual value can be read directly on the scale



- 1 Set of short instructions**



- 1 Infrared digital thermometer**
Contactless measuring with two point laser targeting, display of measuring spot size, effective range -30 ... +400 C°, emission factor adjustable 0,2 ... 1,00, lighted display, value hold function

Subjekt to alteration. State: 2014-06

IKS Photovoltaik GmbH
An der Kurhessenhalle 16 b
34134 Kassel / Germany
Phone +49 (0) 561 / 9538050
Fax +49 (0) 561 / 9538051
www.iks-photovoltaik.de
info@iks-photovoltaik.de



Training systems
Measurement engineering
Special developments

Reseller