Energy measuring tool

To save time and ease daily work, we use a wide range of electrical appliances. Depending on their capacity and our usage habits these appliances consume electricity we are paying for.

Already in a store we can perceive potential consumption of electricity of one or another device. Here energy efficiency label of products can helps us. Energy efficiency of the appliance is rated in energy efficiency classes from A (most energy efficient) to G. In the European Union energy label is assigned to 4 groups of products:

- dishwashers;
- washing machines;
- TVs;
- refrigerating appliances e.g., refrigerators, freezers.

The energy efficiency class is determined by taking into account its electricity consumption per year (kWh/y) when running it into one of the standard programs. Most energy efficient ones are electric devices of A, A+, A++ and A+++ class. They consume electricity significantly less than, for example, a device of B or C class label, or a device not having such label at all.

Usually devices have more than just one standard operational program. However, we usually tend to exploit for example our washing machine differently. So it may happen that the electricity consumption of a device in real life is different from the figure stated on the label. It may be less, but may be significantly higher, for example, if the laundry is washed all the time in a hot water of 90°C.

With the help of a special measuring device it is possible to find out what is the real electricity consumption of each particular household device.

Electronic energy measuring tool

Electronic energy measuring tool quickly and accurately determines electricity consumption of a device receiving power from electricity grid. The display of the measuring tool shows the electricity consumption in kilowatt-hours (kWh) and also the related costs for the consumed electricity. With the help of the tool you will be able to check the effectiveness of various energy-saving measures, such as closing the door of refrigerator while you make your sandwich, disconnecting a television or computer from power when they are not in use, reducing the water temperature in a dishwasher or washing machine.

This measuring tool is easy to use - electrical plug of your household device has to be plugged into the socket of the measuring device and the plug of the meter – into the electrical socket. Depending on the manufacturer the price of the measuring tool vary in a range from 10 to 30 EUR.

If you find out that any of the devices having high- energy class label is not as economical as it should be, you should first consider how this devise is used in everyday life, or contact a professional, who can check the technical condition of the device.