

Pyranometer products

Hukseflux is a leading manufacturer, both in technology and market share, of pyranometers, pyrhemometers, pyrgeometers, net radiometers and albedometers.

We produce a complete range of solar and longwave radiation sensors, compliant with the latest ISO and WMO standards. Each Hukseflux pyranometer is classified as ISO 9060 secondary standard, first class, or second class, and offers the best measurement accuracy in its class.

Pyranometer output is analogue and/or digital (Modbus over RS-485/TTL).

customers are active in the following fields: solar energy, photovoltaic (PV) industry, meteorology and climatology.



Heat flux sensors

Worldwide Hukseflux is well known for the design and assembly of heat flux sensors. We offer a wide range of sensors for measuring heat flux in many applications. The most commonly used model is HFP01, suitable for use in buildings as well as soils.

A second fairly common model is the SBG water cooled heat flux sensor / heat flux meter, used for studies of fire and flames (equivalent to Schmidt Boelter or Gardon gauge). In addition we have special sensors for use under exotic conditions such as high temperatures, aggressive chemical conditions, on curved surfaces and many more variable applications. Do you need a

meter / sensor for measurement of heat flow / heat flux / heat transfer? Hukseflux engineers will help you in choosing the right sensor for your needs.



Thermal conductivity

Hukseflux offers sensors, systems and services for measuring thermal conductivity of plastics, composites, fluids, pastes, and granular materials like soils. Special capabilities include the measurement of composites in two directions (fiber and perpendicular to the fiber orientation), and the measurement of thin plastic and metal foil materials.

