

K-Patents Company Profile

K-Patents designs and supplies a variety of specialised analysers and digital process refractometers for in-line liquid measurement in industrial process control. These analysers are enclosed, interfacing with other elements of a control system, and are more expensive than e.g. laboratory instruments, because of their ruggedness and complexity, which is necessary to perform reliable in-line process monitoring.

An in-line measurement can be used as a real time predictive tool for the final concentration and other process parameters. A quick and accurate response is needed to optimise production. Cost reduction is possible by reducing the variation of mean average of the product concentration. The cost saving is related to the value of the component being measured.

K-Patents is the technology and market leader, and the fastest growing supplier of process refractometers in the world. With a wide range of applications in the sugar, food, pulp and paper, chemical, petrochemical and textile industries, the company's process refractometers are found in 75 countries.

The fact that K-Patents is an innovative company is reflected in its choice of name coupled with strong patent protection in the USA, Europe and Japan. The company is a pioneer in the use of digital technology having started the transition twenty years ago. Digital technology enables sensors to be more integrated with control systems.

K-Patents at a glance:

- Founded: 1978
- Privately owned company
- Headquarters: Vantaa, Finland
- Regional headquarters in the U.S.: Naperville, Illinois
- Global network: K-Patents conducts business through 50 distributors worldwide and through 30 agents in the United States
- Served industries: Biochemical, Pharmaceutical, Chemical, Corn sweetener, Food and beverage, Oil refining and petrochemical, Pulp and paper, Metal machining and mining, Semiconductor, Sugar
- Key performance factors: K-Patents has been particularly successful in technological innovation, global market expansion and profitability.
- K-Patents strategic initiatives:
 1. To provide measurements that enable customers to attain optimal processing, maintenance free operation and costs savings. This is achieved by working closely with highly knowledgeable distributors and by providing a broad mix of unique instruments and services that fit into customers' measuring needs.
 2. To follow the measuring problems of the industry, creating throughout understanding of the customer's specific measuring needs, and developing innovative, high quality in-line instruments for new measuring tasks.