

**QUARTZ PRO** have a long heritage of research and development work for the processes involved during the manufacturing of high performance **Quartz Crystals, QCM sensors and OCXO's**.

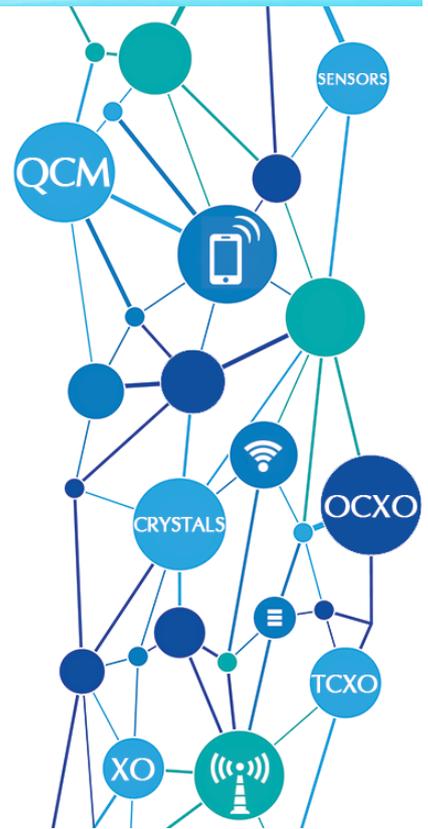
When you need reliable low aging in combination with low retrace for example, that's when we make a difference. And not only once, always. It's no magic - pure science. We have spent a lot of research to understand the causes of aging and retrace.

These performances are essential in applications where timing has to rely on an OCXO's used in autonomous (not synchronized) operations or disciplined to a GPS or similar to reach long hold over performance.

Because of our advanced production technology we can guarantee consistent high performance on all our products for every lot throughout the year, year after year.

This is achieved by thorough knowledge and processing. When we offer low prices it's because we have a high yield not cutting down on critical processing steps required to achieve high performance.

When you need a committed and competent supplier for Quartz Crystals, XO's, TCXO's, OCXO's and QCM sensors choose Quartz Pro. We will not disappoint you.



[Quartz Pro](#)



## COMPANY PROFILE

With roots from research collaboration with several well know universities back in the 1990's in Sweden,

**Quartz Pro** developed an advanced concept of high performance Quartz Crystal production line with support from CTH in Gothenburg.

The production line was designed and built in Linköping at LiTH. Royal Institute of Technology, KTH aided in support of the special thin film deposition technology. Uppsala University, UU contributed in the analysis of thin film properties that constitutes the electrodes deposited onto the major surfaces of the Quartz Crystal.

The work led to a unique and patented production system that produces high performance Quartz Crystals with world class low aging characteristics.

### WEBSITE

QP launches a new website late in 2014. It will be a modern site with online webshop facilities. We will take your shopping to a totally new level. With an easy access to all datasheets and simple filtering your shopping experience will be very swift and convenient. This functionality is achieved by introducing Pre-Configured products. It will take some time for us until the stock of all products are in place but once it will be available the whole purchasing process including deliveries will be much shortened.

### LOCATION

Located 20 km north west of Stockholm in Sweden in custom made clean room facilities for the crystal production and advanced test facilities for the oscillator testing we are lined up to meet your needs for **Quartz Crystals**, **CrystalOscillators** and **QCM sensors** at competitive prices and short lead times

### VISION

We envision to strengthening our position as an important business partner for market leaders through the use of our know-how, high performance technology and products. In a market of fierce competition yet in constant need for improved performance in combination with lower cost we will focus on needs for solutions that will make a difference.

### CUSTOMERS

Our customers are world leaders in their market segments like Tele- and Data-communication and QCM sensors. We are devoted to customer satisfaction and quality, support and deliveries. We value long term cooperation.

### PRODUCTION

Our production capacity of Crystal Oscillators is limited by the capacity of the OCXO test system and currently about 10 k / month. For Quartz Crystals and QCM sensors the production capacity is around 100 k / month.

### COMPANY

The company is privately owned by 6 share holders: Majority share holder is the founder Guy Portnoff, also CEO and Chairman.

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