KaVo Kerr is the world leader in smart products and processes that enable dental professionals to confidently optimize their work and lives. KaVo Kerr Group Finland, previously known as Palodex Group Oy, is one of the leading R&D and manufacturing centers of excellence for dental imaging equipment and solutions in the world. Our imaging brands are recognized and renowned players in the field since decades. Turnover of KaVo Kerr Group Finland is approximately EUR 130 million and we employ about 400 people. Exports account for 99% of our turnover. Our roots are firmly in Finland and Finnish imaging knowhow, and today we are a part of global Danaher Corporation, listed at NYSE. Being a part of a multinational market leader provides our business with a springboard for further expansion and success.

We are now looking for an

**Applied Mathematician / Calibration Scientist**

to support our growing global business and to strengthen our Research & Development team in Tuusula.

KaVo Kerr imaging devices combine multiple technologies – mechanics, electronics and software – and thus enable you to gain a profound understanding of the body and soul of an imaging device. All of our research and development activity is in house, gathering together engineering excellence across disciplines. KaVo Kerr Group is one of the Lean pioneers in Finland, and we implement Lean approach in all of our business operations, giving you an opportunity to become an expert within one of the most successful business management systems in the world.

As an Applied Mathematician / Calibration Scientist you will be responsible for **developing, implementing and following up the complete calibration protocol** for our products entering into production eligibility testing stage. You will work in close cooperation with our local R&D project teams, design transfer team and operations. Additionally, R&D colleagues at our global organization and external interest groups, such us research institutes, will be important counterparts for you.

We expect you to:

- hold a Master’s degree of equivalent in optical sciences, physics, electrical engineering or applied mathematics
- have 5+ years of experience in developing algorithms/processes to calibrate complex, non-contact optical metrology systems that include:
  - camera lens systems
  - light projection systems
  - triangulation systems
  - interferometers
- demonstrate excellent MatLab expertise, including thorough competence in applying at least some of the following toolboxes, preferably all of them:
  - Computer Vision System Toolbox

*Inspiring best practices*
- have experience in developing mathematical models of physical systems, stochastic processes and noise propagation
- have excellent written and oral English language skills
- enjoy working in an international and multicultural organization.

Additionally,

- knowledge of quality and regulatory requirements for medical product development
- knowledge and interest in Lean methods and processes
- experience in dental industry, products and clinical workflow

will be considered an advantage.

As a person, you are a strong team player and do not mind working under pressure or with tight timelines. You are motivated to reach the targets and always strive for high quality. You are not afraid to roll up your sleeves and see changing situations only as a challenge. You communicate openly and with ease, both within your team and across functions, as well as with external business partners. You are an innovative character, driven by results and understand the importance of your role in creating first-class products within health technology.

We offer you an exciting position in the midst of rapidly developing imaging technology, global business environment and a team of experienced professionals, with whom you will be creating the best dental imaging solutions in the world.

For more information please contact, Mr. Jari Taskinen, R&D Director, by email, jari.taskinen@kavokerr.com or by phone, tel. +358 40 504 0169, best available on Tuesday, March 21st, at 10-12 and on Thursday, March 30th, at 9-11.

Please submit your application with a salary expectation and your CV by April 2nd, 2017 via email to recruit.tuusula@kavokerr.com