



PRESS RELEASE

November 10th, 2009

Polar uses Cencorp's laser welding system in the manufacturing of top heart rate monitoring products

Polar, the market leader and pioneer in heart rate training technology, and Cencorp, a global supplier of end of line automation solutions for manufacturing, have achieved outstanding results utilizing Cencorp's laser welding technology.

Polar achieves high quality laser welding on their plastic training computer components by using a process where the laser beam is guided along the welding path by a high speed scanner. Laser welding improves the visual design of Polar products as the joint between the parts no longer needs to be hidden. It has also added flexibility and precision to the process as it easily enables changes to the weld width.



Cencorp's patented laser welding process for plastics produces reliable joints and excellent repeatability, especially in applications that need to be waterproof. Monitoring of the welding process and quality assurance features can further enhance the high quality and reliability of laser welding and can extend to a variety of different product designs.

Cencorp manufactures standard and custom-built laser marking, laser cutting, laser welding, laser drilling and laser micromachining workstations for stand-alone and in-line production. The modular concept of Cencorp's workstations combined with multiple laser options makes it easy to configure individual solutions based on a customer's specific needs. Anssi Jansson, Corporate Sales Director at Cencorp, comments on their customer-driven approach in laser technology: "Cencorp laser workstations are designed to meet the specific needs of each customer. Our laser systems

integration combines tens of years of experience in the field of laser materials processing and production automation. This results in laser solutions that meet the needs of industrial laser processing and the demands of today's high volume mass-production.”

Antti Huoviala, Project Leader, Manufacturing Technology at Polar, says of the benefits of Cencorp’s laser welding for the R&D and product manufacturing at Polar. ”Use of laser welding in the assembly process has offered new design opportunities for us. It produces a clean, refined finish with a strong joint. We have learned to use laser welding technology and now the manufacturing process is repeatable and easily managed, which saves our resources. Unlike in ultrasonic welding, there is no need for us to subcontract special expertise. Instead, we are able to carry out any changes with in-house resources. This helps us achieve cost savings and enables us to accelerate the introduction of new products into the market.”

Cencorp is a trusted partner for Polar in laser welding and several of Cencorp’s laser welding systems are adopted and used in the mass-production and testing for new Polar products.

For further information contact:

Corporate Sales Director

Anssi Jansson

tel. +358 40 544 5441

anssi.jansson@cencorp.com

Company information:

www.cencorp.com

www.polar.fi