Based in Cologne in Germany, Adentatec is a global dental company specialised in the manufacture and distribution of non-precious dental alloys. Its medical devices are exclusively produced in Germany and certified to the highest standards (CE marking, US Food and Drug Administration, and China Food and Drug Administration). Adentatec is committed to the strict implementation of the quality and process requirements of DIN EN ISO 13485 and DIN EN ISO 9001 in relation to the entire manufacturing chain.

The company was established in 1997 and initially manufactured and distributed sandblasting material, dental plaster and consumables to dental laboratories. In 2003, Adentatec began production of dental alloys, for which it implemented a quality management system. As a manufacturer of medical products, the company has always given priority to patient health. Its products thus undergo bio-compatibility and corrosion resistance tests, among others, and are manufactured from high-quality raw materials to ensure consistent quality.

Over the last decade, the company’s export business has increased steadily. Consequently, Adentatec now has more than 20 agents worldwide who represent its product range. “The Asian market is one of the most important growth markets for Adentatec in the future,” Sales Director Julia Grabensee said. “We are very well positioned with our products and can optimally cover traditional casting technology and the new CAD/CAM technologies, such as milling and selective laser melting.”

CAD/CAM discs on cobalt–chromium and titanium bases

The company’s brand-name casting alloys, such as SYSTEM KN, SYSTEM MG and SYSTEM NE, have long been in use and have proven over many years. In 2009, Adentatec expanded the range to CAD/CAM discs on a cobalt–chromium base (SYSTEM NE-BLANK and SYSTEM SOFT-BLANK). The high-quality discs are available in many sizes and compatible with all open milling systems. Among the noteworthy features of SYSTEM SOFT-BLANK are its high corrosion resistance and biocompatibility in accordance with DIN EN ISO 10993-1. Owing to a special heat treatment, it is especially soft and homogeneous and has a high strength. The system is available in many diameters and heights, for almost every type of machine.

In addition, the CAD/CAM product portfolio was extended in 2012 with titanium milling discs (SYSTEM TI 5-BLANK) especially for the production of implant-supported restorations.

With the company’s planned exhibitions at Asian dental shows this year, Grabensee is confident it will win over customers. “At this year’s Sino-Dental, we would like to introduce the further developed cobalt–chromium milling system SOFT-BLANK. Based on our experiences at the recent International Dental Show in Cologne in March, we expect a great deal of interest, particularly because of the significant improvements regarding new milling properties and more improved compatibility with veneering ceramics,” she said.

Just last year, the company expanded its product range with a metal-free alternative, the new ceramic-filled CAD/CAM high-performance polymer SYSTEM PEEK-BLANK. Owing to the material’s good physical properties and low weight, the patient will enjoy wearing comfort and be assured of a strong material, the company said. SYSTEM PEEK-BLANK meets all of the biocompatibility requirements of DIN EN ISO 10993 and is an ideal option for removable dentures, particularly for allergic or sensitive patients. According to the company, it has been particularly optimised for implant-supported restorations, secondary structures on telescopic crowns, two-piece abutments, gingiva formers, denture bases and many other indications.

More information about Adentatec and its product range can be found at www.adentatec.com.