COLOGNE, Germany: Held terminally in Cologne, Germany, the International Dental Show (IDS) is the largest and most important event for the global dental industry. At the 2017 edition, which took place from 21 to 25 March, over 2,300 companies from around the world exhibited, including international market leaders, among them Dentsply Sirona, Ivoclar Vivadent, 3Shape, Planmeca, VITA Zahndentik, Colgate, Amann Girrbach, Carestream, NEOS and FONA.

Dentsply Sirona participated at IDS for the first time since the merger of DENTSPLY International and Sirona Dental Systems to form one of the largest dental manufacturers worldwide. The latest CEREC innovations were presented in 20 live demonstrations, showing how the chairside production of restorations can be integrated into the practice workflow. Furthermore, the CEREC software has been comprehensive-ly updated and opened, allowing export of data in STL format. At IDS, the company unveiled more than 50 new products, including the re-cycling glide path file WaveOne Gold Glider, the Oseospeed Profile EV implant for extremely reduced bone volume, the V-Line handpiece series, the Midwest RDH hygiene handpiece and Nupro Freedom cordless prophylaxis system. The newest laboratory products included updates for InLab CAD SW 16.0 and InLab CAM SW 16.0, zirconia mate-rials Celtra Press and Cercon xt, the inCoris CCB sintered metal disc, and the Atlantis CustomsBase solution.

Ivoclar Vivadent is a global company based in Liechtenstein that offers a comprehensive range of innovative products and systems for dentists and dental technicians. At IDS, it presented its new Ivoclar Digital brand of CAD/CAM products for both dental laboratories and practices for the first time, including aesthetic, state-of-the-art materials for fixed, removable and implant supported prosthetic restorations, such as ver-satile ZirCAD blocks and a range of discs for the IPS e.max system. Four new PrograMill digital milling units will enable dentists and laboratories to produce restorations quickly and easily. The Ivoclar Digital offering includes Service+ to assist laborato-
exceedingly lightweight and fast—the Flammecare 2000 software suite, and the Flammecare PlanMat 400 mill unit for dental clinics. According to the company, it combines superior usability with accurate high-speed milling and is the most powerful unit for chairside fabrication the dental market has seen. With these products, Flammecare provides a full clinical digital workflow. Also at IDS, the family-owned business based in Finland premiered its Dream Clinic Show, which includes all of the latest Flammecare equipment and takes users through a case in which it is all applied.

**VITA**

VITA Zahndfabrik, a family-owned company now run by the fourth generation, presented new processes and solutions for highly aesthetic results, as well as efficient and smooth clinical workflows. Among these were two materials based on the well-established restorative VITA ENAMIC, VITA ENAMIC multicolour and the highly translucent VITA ENAMIC 5T; the space-saving VITA SMART.FIRE furnace for the dental practice that allows for more efficient ceramic chairside restorations and, in the compact VITA ADVANCING SOLUTIONS cementation system. For the dental laboratory, VITA introduced its first full digital system, VITA VIONIC SOLUTIONS, which makes complete dentures practicable and economical, as well as VITAFAN EXCELL, a lifetime tooth of VITA MP by combining the VITA VM LC flow veneering composite.

**COLTENE**

Coltene is a global leader in the development, manufacture and sale of consumables and small equipment for dental treatment applications. At IDS, the Swiss specialist presented its Endo Highlight Kit, which combines its most important new products in a practical and compact set. including flexible HF/MDC surgical instruments, as well as VITAFAN EXCELL, the same tooth of VITA MP by combining the VITA VM LC flow veneering composite.

**PFM**

During the event, FONA introduced ten new products, including the complete chairside CAD/CAM solution MyCrowns that enables dentists to order crowns, veneers, inlays, onlays and small-span bridges in one visit only. The company’s latest state-of-the-art addition consists of an open-format intra-oral scanner, design software that guides the dentist step by step and a milling unit. Targeted at the general dentist, the system’s functions are intended to cover 90 per cent of what the general practitioner does in daily practice, purposefully excluding specialist functions such as for implantology and orthodontics. The system is very intuitive, according to the company, allowing the dental assistant to work with it easily as well, and thus enabling the dentist to focus on the most important parts of the procedure. By offering a top-notch system at a room affordable price, FONA aims to be the top choice for dentists wishing to enter into CAD/CAM. Also exhibited were the new Campeion and Durion treatment centres, Stelantis 3D sensor, Aquamartine diode processor, 3D Scanner and hybrid ceramics. In addition to this, the Ceramill Mikro FC and Ceramill Motion 2 units have been equipped with a spindle designed for chairside work. Amann Girrbach announced that the recent growth in sales of its CSI CAD/CAM equipment and consumables has led to the building of a second assembly site.

North American company Carestream showed how digital imaging and processing portfolio, including the CS 9000c 3D, an advanced version of the popular CS 9000a R 2.0. With the new features of the 9000c, the system consists of a hand-held instrument and a reliable MultiPeg. It measures the resonance frequency of the MultiPeg, which corresponds to the stability of the implant, according to the for the future of digital restoration management. At IDS, UC-based global dental implant company Neoss showcased the Neoss Pokémon Kit. Visually interesting, the kit consists of a pre-synthesized impression material and provides an intuitive, intuitive, and easy-to-use preparation tool.

At IDS, Austria-based company Amann Girrbach highlighted its continuing success as a manufacturer of innovative CAD/CAM equipment and materials. Formed in 2001 through a merger of two companies, it has quickly become a leader in dental technology. Amann Girrbach launched a number of new products in just the last year. The Ceramill DNA Generation, for example, has revolutionized CAD/CAM processing through its unique carving mode, which reduces the time needed to mill materials such as glass-ceramics and hybrid ceramics. In addition to this, the Ceramill Mikro FC and Ceramill Motion 2 units have been equipped with a spindle designed for chairside work. Amann Girrbach announced that the recent growth in sales of its CAD/CAM equipment and consumables has led to the building of a second assembly site.

The annual conference is organised by the Centre for Advanced Professional Practices (CAPP) and covers legal, regulatory, technical and market issues such as for implantology and orthodontics. According to the company, the Pen- guin RFA instrument is easy and quick to use, offering a consistently reliable measurement for measuring implant stability.