The new Tornado 1 and Tornado 2—recent winner of a red dot design award—air compressor units from DüRR DENTAL are more efficient and economical than their predecessors. Running at only 54 dB(A) they are also less noisy. The one and two cylinder systems are not only extremely quiet but their energy consumption is also particularly efficient. The new Tornados require 15 per cent less energy while delivering the same performance, according to the German manufacturer.

The new units can supply up to three treatment rooms and can be equipped with a membrane-drying unit, if required, for uninterrupted operation around the clock. The systems comply with the highest standards of hygiene through an anti-bacterial coating on the inner side of the pressure tanks, among other things.

DüRR DENTAL said that the new Tornado 1 and Tornado 2 units combine all advantages of their predecessors, such as reliance, lasting value, a compact form as well as dental air of the highest quality. Air compressor systems by Dürr Dental have been renowned for decades for their sturdiness, strong durable performance and high quality standards. The enhanced version of these systems will now be on display in Istanbul.

DÜRR DENTAL GERMANY
www.durr-dental.com
Booth C031–08

In order to complete its offer in industry-leading dental equipment and software, Planmeca has recently introduced a full range of open solutions. From high precision desktop milling units to sophisticated CAD software and digital impression scanners, they include all tools that are required for open CAD/CAM dentistry, the Finish company said.

According to Planmeca, the quick and accurate digital impression scanner Planmeca PlanScan provides real-time digital impressions from one-tooth to full-arch scans, which can be sent to any dental lab for CAD work. It is also the first unit-integrated impression scanner. Available as a standalone version, the Planmeca PlanScan can also be connected to a laptop, for example. The new open CAD software suite for easy 3-D design, has been integrated in the Planmeca Romexis software as a perfect tool for designing prosthetic works from individual inlays to full-arch bridges and abutments. Final designs can then be sent to Planmeca PlanMill 40, a new 4-axis milling unit designed for glass ceramic and other material works.

For dental laboratories, Planmeca also offers a fast and maintenance-free desktop lab scanner for scanning plaster casts with the Planmeca PlanScan Lab. Final designs can be processed with Planmeca PlanMill 50, an accurate 5-axis milling machine designed for dental labs or ordered fast and reliable from Planmeca’s CAD/CAM milling centre PlanEasyMill, which offers a wide range of materials and fast deliveries.

“Our CAD/CAM solutions are truly unique, as the system is completely open and flexible”, explains Mr Jukka Kanerva, Director of Dental care units and CAD/CAM division at Planmeca Oy. “Dentists and laboratories can choose either the entire solution and benefit from the integrated workflow, or just pick the necessary parts and send the open data to their partners. This is truly digital perfection.”
Dental manufacturer GC is presenting a new dual-curing self-adhesive resin luting cement which comes in the Automix syringe for practical direct application. As G-CEM LinkAce achieves a highly efficient polymerization in self-curing mode, it produces reliable results regardless of which restorative material is being cemented, according to the company.

In addition, cementing CAD/CAM and metal-free restorations with G-CEM LinkAce ensure that their margins are particularly wear-resistant.

GC said that the material also exhibits impressive shade stability and adequate radiopacity. G-CEM LinkAce offers very high biocompatibility and no post-operative sensitivity because there is no need for prior acid etching of dentin. Fluoride release provides additional protection.

The G-CEM LinkAce is recommended for a broad range of indications including cementation of all-ceramic, metal and even resin restorations and posts. According to GC, it does not require refrigeration and is therefore easy to store, unlike many other resin cements.

In Istanbul, GC is also presenting EQUIA, a self-adhesive restorative system claimed to provide impressive clinical results in the posterior region. The new concept combines the clinically proven EQUIA Fil high-viscosity glass ionomer material with EQUIA Coat, a light-cured, wear-resistant highly filled resin coating, for a strong restorative material that, according to the company, takes glass-ionomer technology to a new level.

The company has also a newly developed fibre-reinforced composite on display. The everX Posterior is said to provide new possibilities for restoring extensive cavities and preventing crack propagation into filling materials and tooth structure. The material addresses the growing demand for an economical alternative restorative for extensive cavities, and can be used for restoring enamel and dentine when combined with a conventional composite, such as G-ænial Posterior.

**G-CEM LinkAce**

Quality photo documentation is becoming increasingly important in all fields of dentistry. Particularly in endodontics, treatment outcomes can be significantly enhanced. When clinicians are able to recognize structures better, the worldwide first adaptable system to all common dental and surgical microscopes was developed to support clinicians in this task. As a result, treatment times can be shortened for the benefit of the patient.

With a height of only 27 mm, the VarioFocus is small in size but big in performance, according to the manufacturer.

**VarioFocus**

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With a height of only 27 mm, the VarioFocus is small in size but big in performance, according to the manufacturer.

For more flexibility, clinicians have to working distances to their disposal (215 and 285 mm). The lenses contain calcium fluoride which lowers dispersion and corrects aberrations.

An integrated Protection Guard, featuring a coating that prevents reflections for enhanced transmission, is supposed to help preventing contamination and the instrument getting damaged.

VarioFocus systems are available for microscopes from Zeiss, Leica, Global, Labomed, among other brands that are currently available on the market.

**GC EUROPE, NETHERLANDS**

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