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# New products and focus on infection control and dental laboratories

## MOVE INSTRUMENTS SAFELY

The AirTube Conveyors system can help dental surgeries move their dental instruments safely and cleanly. The pneumatic conveying system uses a blower which produces pressure or vacuum, allowing the item or material to be transported along uPVC tubing in appropriate carriers from point A to point B.

The use of sterilising bags coupled with an AirTube Conveyors system can eliminate cross contamination with patients by transporting the instruments for decontamination in a swift and contained manner to the appointed area. Staff time for dealing with patients is optimised as they do not have to walk instruments to and from the decontamination area.

This fast, secure, robust and reliable



two-way solution is based on technology that has been operating in hospitals for over 20 years. It provides a cost effective solution for each dental practice based on common components and can be installed into any sized new or existing buildings.

**Reader response number 50**

## REDUCE CROSS CONTAMINATION

Pro-Tip Plus 3 in 1 disposable syringe tips can reduce the risk of cross contamination within the surgery environment, ensuring the protection of the dental team and patients from the spread of harmful infection.

As well as peace of mind, the improved design of Pro-Tip Plus results in high performance with air/water separation guaranteed every time. The bayonet lock fitting also provides an extra level of security whilst high rigidity enables cheek retraction.

**Reader response number 52**



## NO RISK BURS

Sterisafe pre-sterile burs from Prima Dental ensure complete sterility of each individual bur. The company offers a complete range of burs in convenient pre-sterilised packaging. The Sterisafe pre-sterile burs are available in diamond, tungsten

carbide or steel rotary instruments.

Sterisafe burs are manufactured and packaged in the UK in individual pouches for ease of use and as they are single use, they are efficient in terms of their cutting and polishing ability.

**Reader response number 51**

## MANUFACTURER CELEBRATES

Japanese company Takara Belmont is celebrating the golden jubilee of their UK business and is reflecting on the last fifty years. 1959 was a notable date for the dental manufacturer, which shares its birthday with celebrity Simon Cowell, the Barbie doll and the Mini. As a Japanese



company, Takara Belmont strives to follow the cultural working values of enthusiasm, vigour and high ethical standards.

The contours and ergonomics of its dental chairs, quieter functioning by the use of hydraulics, are designed to stimulate and imitate the movements of the human body for patient comfort.

**Reader response number 53**

### AUTOMATIC CLEANING

The Sirona Dac Professional autoclave supports the practice staff by automatically cleaning handpieces intended for non-critical, semi-critical and critical applications.

The autoclave handles large sterilisation loads quickly and reliably, can accommodate up to six trays and can be preheated, which significantly reduces cycle times. The rapid sterilisation programme can be completed in as little as ten minutes.

It is designed to process difficult materials (for example A + B category hollow objects, surgical cassettes and textiles) and during the sterilisation cycle a microprocessor continuously monitors time, pressure and temperature. This ensures high levels of quality and sterilisation security.

The autoclave is easy to install: all that is required is a mains power supply.



The fresh water and waste water tanks are integrated into the unit while the fresh water level is continuously monitored in order to eliminate errors and prevent damage to the instruments and/or steriliser. In accordance with hygiene regulations, each sterilisation cycle can be documented by means of a printer or PC software.

**Reader response number 54**

### RE-COVER YOUR SEAT

Bambach Europe Ltd, makers of the The Bambach Saddle Seat, are offering a re-covering service for saddle seats that are more than five years old. You may find that the colour scheme in your practice has changed during this time or that the cover is simply showing signs of wear and tear.

Whatever the reason, please contact Bambach directly to arrange re-covering of your seat. The company will even send you a replacement seat whilst yours is away being re-covered.

Bambach will be writing to all

existing Bambach Saddle Seat users with seats over five years old and if you decide to purchase a Bambach seat today, in five years time the company will remind you of their re-covering service.

The Bambach Saddle Seat helps to align the spine whilst maintaining the natural s-shape, thus preventing the discs from being put under pressure. The hips are kept at the optimum angle of 45° to the spine so back and thigh muscles are at their most relaxed. Each Bambach Saddle Seat is fully adjustable to create a bespoke stool for each individual.

**Reader response number 55**

### ADDITIONAL VALVE FOR MORE SECURITY

To help prevent the risk of cross-infection, Bien-Air Unifix quick-connect couplings are supplied with a non-return valve, designed to prevent infection through the exhaust line.

Bien-Air turbines already have a non-return valve incorporated into the water line in the handle of the instrument, but this additional valve provides even more security. The Bien-Air ranges of instruments are designed

with safety as a major requirement. All instruments are autoclaveable and/or can be cleaned and disinfected to the highest criteria.

Spraynet 500 can be used for cleaning and disinfecting all surfaces and hoses. The surfaces and grip of the handpieces are easily cleaned; screws are concealed to avoid possible areas where debris and germs can accumulate.

**Reader response number 56**

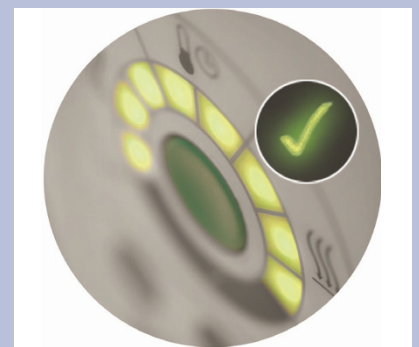
### REDUCE USER ERROR

Eschmann's Little Sister Self-Checking autoclaves let you benefit from reproducible and reliable results, with dual independent processors executing and monitoring every cycle to ensure that the equipment is functioning every cycle.

Other features include intuitive One-Touch Operation to reduce user error and the Advanced User Option which lets the practice manager limit the cycle options to prevent misuse. With this secure and verifiable sterilisation process, you can safeguard the wellbeing of patients and staff.

With free installation and user training provided for all autoclaves and washer disinfectors, you can continue to meet all new and existing requirements. Autoclaves and Washer Disinfectors are supported by CarePlan cover, with annual visits from qualified engineers trained in the expert use of the equipment. CarePlan cover includes a full service schedule, preventative maintenance, unlimited breakdown visits, certification and training updates.

**Reader response number 57**



## HEAT SEALING UNITS

General Medical is the UK dental distributor for Hawo Impulse Heat Sealers, including the Generation Easy HD 320 MS-8. The HD 320 MS-8 represents the state-of-the-art in heat sealing units for barrier products prior to autoclaving and is cheaper per unit than using autoclave bags at a few pennies each.

Featuring an electronic sealing time, it is extremely easy to operate and ensures instrument packages are completely sealed prior to autoclaving so that their contents can be sterilised effectively and remain so until required. It is the smallest unit in the Generation Easy range, making it ideal for use in dental practices.



General Medical also supplies the HD 260 MS-8 heat sealer and a wide range of Tube Film Rolls for use with both units.

**Reader response number 58**

## PREVENTION OF CROSS CONTAMINATION

The Alkapharm 'learning lunch' focuses on professionally recognised procedures for the successful, day to day prevention of cross contamination within the dental surgery environment.

'Learning lunch' is designed as a refresher for the whole team and covers the day to day aspects of cross-infection control in the dental surgery. Group sessions can be scheduled for either during the practice lunch

period or at the end of the clinical day.

'Learning lunch' helps meet the requirements of the GDC re-certification scheme by updating knowledge and skills for the benefit of the practice, its patients and the whole clinical team, and attendees can claim verifiable CPD. To arrange a 'learning lunch' for your practice or for further information, telephone Alkapharm on 01785 714919.

**Reader response number 59**

## STREAMLINE WORKFLOW ENVIRONMENTS

Hu-Friedy, international manufacturer of high-precision hand-held dental instruments, has launched a new range of plastic containers specially designed to streamline workflows in dental practices and clinics.

These easy-to-use Signature Series Tubs accommodate all the consumables required for a particular procedure. The standardised colour-coding system facilitates the easy identification of the contents, eliminating time-consuming searches.

The tubs provide a smart, time-saving solution for the management and transport of consumables while the special Microban system effectively prevents microbial contamination and hence prevents stains, odours and product degradation.

In addition, the locking covers prevent any airborne contamination during transport and storage. In combination with the Hu-Friedy IMS Cassettes, the Signature Tubs constitute an efficient management system designed to streamline practice workflows.

**Reader response number 60**





### KIND TO HANDS

Continu cleaning products contain the powerful anti-microbial U-Sol as their active ingredient, killing at least 99.999% of bacteria within 30 seconds. Continu is alcohol-free and has the same 'hazard rating' as water.

This makes it kind to hands, providing you with sanitisation that does not cause dryness or inflammation when applied to skin. Also, it does not evaporate as quickly as alcohol-based alternatives, making it more cost-effective,



and the long-lasting residual effect inhibits microbial contamination for

several days after application, to prevent recontamination.

The product range is also kind to surfaces, because it is non-corrosive. Apply Continu safely to hard and soft surfaces including textiles, delicate instruments and equipment, without worrying about damage. As the product has no smell, you do not need to worry about fumes either, allowing you to create a clinical environment that is both comfortable and clean.

**Reader response number 61**

### CUT OUT MOISTURE CONTAMINATION

With Seal-Tight 3 in 1 disposable syringe tips from Kerr, dry air is guaranteed every time resulting in fewer restorative failures owing to moisture contamination during the bonding process.

The air and water supply through the Seal-Tight tip is completely separate due to the O-ring being built into the tip,

assuring complete peace of mind, stopping moisture being incorporated into the air supply. Seal-Tight offers easy and fast push-in and pull-out tip release, saving time. The tip can be bent to a convenient angle ensuring you have access to all areas of the oral environment.

**Reader response number 62**

### PRE-STERILISATION DETERGENT

Dento-viractis 55 is a versatile combined pre-sterilisation detergent that disinfects whilst cleaning instruments. It has been designed specifically to remove debris from hand instruments



and surgical equipment prior to sterilisation. It is particularly useful in the removal of blood and pus and quickly dissolves proteins due to its enzymatic action. This bacterial, fungicidal and virucidal product is available from Dental Sky in either a 2 kg or 5 kg bucket or 50 unidoses of 15 g each.

Competitively priced Dento-viractis 59 is a highly efficient concentrate solution for cleaning and pre-disinfecting dental instruments that is ideal for use in your ultrasonic bath. This grapefruit smelling product speeds up the process of debris removal and is also bactericidal, fungicidal and virucidal.

**Reader response number 63**

### STABILITY WITH ELASTICITY

New Take 1 Advanced Impression Material from Kerr is a vinylpolysiloxane (VPS) impression material that delivers the first system of VPS materials with an optimum combination of physical properties: strength, elasticity, dimensional stability and the ability to register detail in any environment.

It provides the widest selection of set times, delivery systems and consistencies available on the market today, allowing the combination of mechanical properties in a material designed for clinicians' own technique preference.

Kerr's patented surfactant plus unique hydrophilic monomer provides good reproducibility even in the most hostile intra-oral environment where blood, water and saliva would often compromise more traditional impression materials.

**Reader response number 65**



### DRY AIR GUARANTEED

Dentsply Sani-Tip system from its cross-infection range is a disposable, 3-in-1 system which is simple to use, effective at reducing cross contamination and guarantees dry air every time.

Quick to install and change, these clear plastic tips ensures 100% visibility

and can even be bent over 140° without loss of function. Sani-Tips come complimentary with Sani-Shields, additional barrier protection for the syringe.

Dentsply offers all Sani-Tip users free of charge adapters to fit the majority of syringes.

**Reader response number 64**