KaVo replaces GENTLEsilence 8000 turbine with MASTERtorque

SINGAPORE/BIBERACH, Germany: KaVo introduced MASTERtorque at the International Dental Show 2013 held in Cologne in March, dental equipment manufacturer in Germany in March, dentists worldwide. The new A-dec 400 comprises a delivery system and dental chair that, according to A-dec, exceeds industry standards for strength, rated for a 400 lb maximum patient load. Featuring an ultra-thin backrest, new armrest design and optimised positioning of controls and ancillaries, such as a monitor, light, control, cuspidor and assistant’s arm, the system was designed more ergonomically for better access to the patient and improved treatment room productivity, the company said.

New A-dec treatment room solution

Newberg, USA: Complementing its A-dec 500 and A-dec 500 product lines, A-dec’s latest treatment room solution is now available to dentists worldwide. The new A-dec 400 comprises a delivery system and dental chair that, according to A-dec, exceeds industry standards for strength, rated for a 400 lb maximum patient load. Featuring an ultra-thin backrest, new armrest design and optimised positioning of controls and ancillaries, such as a monitor, light, control, cuspidor and assistant’s arm, the system was designed more ergonomically for better access to the patient and improved treatment room productivity, the company said.

To protect your patients’ teeth!

Independent studies show Enamel Pro® Varnish delivers more enamel fluoride uptake and greater fluoride release than 3M Vanish.*†

Distinguished:
- First advanced fluoride varnish optimized to provide valuable tooth-building ions of calcium and phosphate
- Designed to create substantive forms of CaF₂ and ACP

Indications for use:
- Enamel Pro® Varnish is a fluoride containing preparation for the treatment of dental hypersensitivity, and for the reduction of post operative sensitivity.
- Enamel Pro Varnish offers a nice aesthetic appearance, is patient pleasing and has studies which support fluoride uptake, fluoride release and diminished hydraulic conductance. 1,2

In a 2012 study evaluating incubation conditions on fluoride release in vitro, Enamel Pro Varnish displayed greater fluoride release than both 3M Vanish and Colgate Duraphat. 1,2

- Colgate Duraphat
- 3M Vanish
- Enamel Pro Varnish

Fluoride Release
Artificial Saliva/Body Temperature 36˚C/96.8˚F

Fluoride Release 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Colgate Duraphat</th>
<th>3M Vanish</th>
<th>Enamel Pro Varnish</th>
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</thead>
<tbody>
<tr>
<td>1hr</td>
<td>0.6%</td>
<td>1.4%</td>
<td>3.9%</td>
</tr>
<tr>
<td>4hrs</td>
<td>1.5%</td>
<td>2.1%</td>
<td>6.2%</td>
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<td>2.7%</td>
<td>2.9%</td>
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<td>24hrs</td>
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<td>4.2%</td>
<td>18.2%</td>
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<tr>
<td>48hrs</td>
<td>6.0%</td>
<td>6.0%</td>
<td>27.2%</td>
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</tbody>
</table>

Colgate, Duraphat, 3M, Vanish, and Premier Enamel Pro are not trademarks of Premier Dental. **No significant difference between 3M Vanish and Colgate Duraphat. *Fluoride uptake and release may be enhanced by agents such as Direct Stop Technology, GENTLEsilence 8000 and comes with a number of new features, such as Direct Stop Technology, which makes it possible to halt the bur’s rotation in just one second. This allows the clinician to check the treatment site quickly during preparation with a reduced risk of injury and improved safety, the company said.

Combined with an anti-reflux system, the feature is supposed to improve hygiene and increase the instrument’s lifetime by preventing contaminated aerosols being drawn into the instrument.

According to KaVo, the new MASTERtorque runs at a maximum of 25 W, which is 20 per cent more power than its predecessor. Better visibility of the treatment area is provided by a smaller head and offset light and spray outlets that prevent glare. With a low noise level of 57 dB(A), the turbine is whisper quiet both during treatment and coast down.

KaVo sells and distributes the MASTERtorque in all major markets. In addition to the regular version, special colour editions of the turbine are available in anthracite and brown.

**New treatment room solution by A-dec**

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