The subject of infection control has never been more under the spotlight after the declaration of Swine Flu as a global pandemic. As highlighted by the Department of Health’s HTM 01-05 decontamination and infection control protocols, regulations for dental practices are becoming increasingly refined, and as such the need for advanced reliable technology grows.

A validated washer disinfector and autoclave is the ideal instrument decontamination solution and will ensure the highest standard of sterilisation and safety whilst rendering them suitable for re-use. The next generation of autoclave enables rapid, effective sterilisation after the decontamination process, featuring:

**Independent cycle validation system**

Redundancy engineered, the latest in HTM 01-05 compliant sterilisation system has a dual independent temperature and pressure sensors configured through optically isolated independent dual processors to give superior cycle reliability, accuracy and performance.

**Different operating modes**

Savings you space and cost, the latest autoclave has differing operational modes dependent on requirement. Unlike alternative autoclaves, the market leader has the B vacuum mode for hollow instruments, and the N non-vacuum mode for solid instruments only.

**Safety and sensing systems**

State of the art autoclaves offer a superior system array that helps to quickly and clearly report areas requiring user attention, notifying dental team members of any problems, as well as an automatic resetting over temperature and pressure cut out systems. Sensors are fitted to accurately measure the fill of reservoir and waste-water tank levels, with an automatic waste tank overflow shutoff and proximity sensing systems.

**Removable Waste Tank**

Easy to use, the large onboard tank is fully removable in order to empty; the tank is removed from the steriliser, emptied and then pushed back into place. Its waste-water cooling systems ensure waste is cooled to a safe temperature before removal can take place.

**Power Failure Chamber Access System**

An essential element of the autoclave’s design, a battery back up system allows safe access to all instruments within the chamber in the event of a power failure.

**Unique chamber and stacking design**

The market leader in autoclaves include a unique volumetric water dosing system that gives fast, repeatable and economic chamber filling, whilst its stackable design enables machines two machines to be placed on top of each other.

Attaining ‘best practice’ is utterly achievable with the new generation of HTM 01-05 compliant washer disinfectors and autoclaves as part of a surgery’s infection control arsenal. To make the most out of a practice’s sterilisers, it is essential to receive maintenance and service programmes that are also fully compliant. A flexible portfolio of services should be provided each designed to meet individual requirements, such as a smaller practice, or practices with multiple units. Maintenance packages should also be fully compliant to European Health Standards HTM 01/EN15883, HTM 01/EN13060, to ensure the practice is meeting its legal obligations.

The weapon of choice for superior sterilisation, YoYo Dental’s Spectra M6 autoclave boasts rapid, reliable cycles validated by sentinel processors for optimal infection control.

For more information on infection control, or for FREE advice on decontamination, call YoYo Dental on 0845 241 5776 or visit www.yoyodental.com

1 http://news.bbc.co.uk/1/hi/health/8094655.stm