DOCUMENT

Fast-Cal-Low

Isotech

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Application Note

Validation of Washer Disinfectors and Autoclaves

Isotech Fast-Cal temperature calibrators are widely used as part of the of validation of washer disinfectors and autoclaves.

Correct temperature measurements are vital for the prevention and control of infections. The UK Health and Social Care Act of 2008 created a new commission, the CQC to regulate primary care services including hospitals and dental practises.

Sitting below the Health Care Act are a series of guidance documents known as Health Technical Memorandums (HTM), for example HTM 01-05 relates to primary dental care practises.

In relation to the decontamination of surgical instruments, HTM 01-01 applies - through parts A to E. HTM 01-06 is used to cover specific technical differences for management and decontamination of flexible endoscopes.

The Isotech Fast-Cal temperature reference source, or dry block, is ideal to validate the thermocouples before and after the validation process.

It provides a highly stable uniform temperature environment with capacity to accommodate 12 thermocouples or more.

Decontamination of re-useable surgical instruments is classified as re-manufacturing under the Medical Devices Directive. The Directive is harmonised with equipment technical standards covering, EN 285:2015 details best practice for Steam sterilizers and for Washer Disinfectors EN / ISO 15883-1:2009 applies, Part 1 covers General requirements, terms and definitions and tests.

Correct test measurements are vital in decontamination validation work, to both verify the accuracy of equipment control and recording instrumentation and to verify that remote parts of challenging loads reach critical temperatures. It is common to validate the test sensors with appropriate temperature calibration equipment acting as a heat source, most commonly Dry Block Calibrators are used.

One long term user of the Isotech Fast-Cal is Eastwood Park Training, formerly a UK NHS training provider Eastwood Park is now privately owned with a purpose built training facility, training includes Competent Person Training and Decontamination Training with hands on training for engineers, learn more about Eastwood Park Training here: https://www.eastwoodparktraining.co.uk

We can help:
https://www.isotech.co.uk/consultancy

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