



POWDER
COLOUR CHANGING
PROPERTIES

IDactiv QUANTUM

Instrument Disinfectant

EN14476
VIRUS TESTED

2%
DILUTION
20g/1L*

CONTACT
30 MIN

POWDER
BASED

DOSING
SCOOP

KEY FEATURES

IDactiv Quantum is a disinfectant powder for use in the reprocessing of all reusable surgical, medical and dental instruments prior to sterilisation.

Ready to use within 60 seconds, Bossklein IDactiv Quantum contains an easy to understand visual indicator. Its colour change properties show the user when the solution is active and ready to use (red) and also that the solution is no longer active and must be changed (clear).

Solution will remain active for approximately 8 hours / a single working day.

The high powered disinfectant is proven to be effective against a wide range of micro-organisms (see table opposite).

Quantum has been EN14476 tested for virucidal activity against all enveloped viruses including Coronavirus, HIV and Hepatitis. It is also effective against non enveloped viruses Adenovirus and Norovirus - all in only 30 minutes.

Unlike many other competitor products, Bossklein IDactiv Quantum has successfully passed through EN13704 testing for proven sporicidal activity. Making this instrument disinfectant one of the most effective products on the market.

With an economical 2% dilution ratio, each 700g tub contains enough powder to create 35 litres of usable instrument disinfectant solution.

Quantum has been designed for use inside the instrument bath.

COMPOSITION

TAED, Sodium Percarbonate, Citric Acid Monohydrate, Sodium Alkyl Aryl Sulphonate, Sodium Sulphate Anhydrous, Tetrasodium (1-hydroxyethylidene) bisphosphonate, Sodium Nitrite, Dye.

INSTRUCTIONS FOR USE

Dissolve 1 level measure of powder (20g ± 2g) in 980ml of warm tap water (30 - 40°C) and mix for 60 seconds. The solution will turn red. Completely immerse the instruments into the solution ensuring that no air is left within hollow instruments. Leave for 30 minutes. After disinfection, rinse instruments thoroughly with RO or distilled water prior to further processing and sterilisation. The solution will remain effective for 8 hours. Change to fresh solution daily or earlier should physical dirt in the solution become evident. We recommend preparing fresh solution at the start of the working day. When the solution is colourless it is no longer active. For professional use only.

MATERIAL COMPATIBILITY

Materials which have been classified as safe include; Stainless Steel, and HDPE.

TEST STANDARDS

The following test standards have been achieved: EN 14885, EN 14476, EN 13727, EN 13704, EN 13697, EN 13624.

VARIANTS AND PACKAGING

BOSQ700 - 700g x 6 per box

MICROBIOLOGICAL EFFICACY

MICROORGANISM	TIME	CONC %
Bactericidal	30 min	2%
BS EN 13727:2012 + A1:2013		
Pseudomonas aeruginosa	30 min	2%
Staphylococcus aureus	30 min	2%
Enterococcus hirae	30 min	2%
E. coli	30 min	2%
MRSA	30 min	2%
Yeasticidal	30 min	2%
BS EN 13624:2013		
Candida Albicans	30 min	2%
Enveloped Viruses	30 min	2%
BS EN 14476 2013 + A1 2015		
Hepatitis B (HBV)	30 min	2%
Hepatitis C (HCV)	30 min	2%
Hepatitis Delta virus (HDV)	30 min	2%
HIV	30 min	2%
Influenza virus	30 min	2%
Coronavirus	30 min	2%
Herpesviridae	30 min	2%
Filoviridae (Ebola)	30 min	2%
Rubella virus	30 min	2%
Rabies virus	30 min	2%
Measles virus	30 min	2%
Poxviridae	30 min	2%
Non-Enveloped Viruses		
BS EN 14476 2013 + A1 2015		
Adenovirus 5	30 min	2%
Norovirus	30 min	2%
Sporicidal	30 min	2%
BS EN 13704:2002		
Bacillus subtilis	30 min	2%

* For full details see IFU or Bossklein.com



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