



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colour change properties show the user when the solution is active and ready to use (red) and also that the solution is no longer active and must be changed (clear).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 When the solution is colourless it is no longer active.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 17126, EN 13697, EN 13624.

VARIANTS AND PACKAGING

BOSQ700 - 700g x 6 per box

MICROBIOLOGICAL EFFICACY

| MICROORGANISM | TIME | CONC % |
|------------------------------|---------------|-----------|
| Bactericidal | 30 min | 2% |
| EN 13727 | | |
| 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% |
| EN 13624 | | |
| Candida Albicans | 30 min | 2% |
| Enveloped Viruses | 30 min | 2% |
| EN 14476 | | |
| 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 | | |
| EN 14476 | | |
| Adenovirus 5 | 30 min | 2% |
| Norovirus | 30 min | 2% |
| Sporicidal | 30 min | 2% |
| EN 17126 | | |
| Bacillus cereus | 30 min | 2% |
| Bacillus subtilis | 30 min | 2% |

*For full details see IFU or Bossklein.com