

INJECTORS DISINFECTING GUIDELINES

Diagnostic imaging





OptiVantage™



illumena™ Néo



READY BOX®



OptiOne™



OptiStar™ Elite




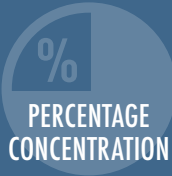



The Chemical agents listed are determined using the EPA list for disinfectants against COVID-19

OptiVantage™ / OptiOne™

DISINFECTING GUIDELINES



OPTIVANTAGE™ / OPTIONE™ DISINFECTING GUIDELINES


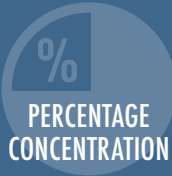



 <p>CHEMICAL AGENT</p>	 <p>PERCENTAGE CONCENTRATION</p>	 <p>AGENT PRODUCT EFFECT</p>	 <p>RECOMMENDATION OF USE</p>	 <p>PRODUCT DETAILS</p>
Ethyl Alcohol (Ethanol)	62%	<ul style="list-style-type: none"> ▶ No components were affected ▶ Did not cause any damage or discoloration to any of the tested components or surfaces 	<ul style="list-style-type: none"> ▶ The most benign chemical for use 	
Hydrogen Peroxide	2.2%	<ul style="list-style-type: none"> ▶ The powerhead screw coating had a minor affect ▶ No plastic or rubber components were affected 	<ul style="list-style-type: none"> ▶ Only a small effect on some plating of metals. Should recommend that the percentage levels are kept this low for either one or both chemicals 	<ul style="list-style-type: none"> ▶ Powerhead Screws: Material: 904142 - 10 mm Screw; Steel with Black Zinc Coating: <ul style="list-style-type: none"> ▶ in the pre vs. post disinfectant, there was some slight removal of the black zinc coating
+ Isopropyl Alcohol (Isopropanol)	0.5%	<ul style="list-style-type: none"> ▶ There was a slight effect on hardware: power head screws 		
Citric Acid	0.6%	<ul style="list-style-type: none"> ▶ Two components were affected ▶ Moderate effect on some plating of metals ▶ The powerhead screw coating was slightly affected ▶ The console hinge screws was moderately affected as far as appearance with respect to the oxide coating 	<ul style="list-style-type: none"> ▶ For use on plastics only 	<ul style="list-style-type: none"> ▶ Power head screws: 904142 - 10 mm Screw; Steel With Black Zinc Coating ▶ Console Hinge Screws: 904159 – #10 Screw, Steel With Zinc Coating

illumena™ Néo

DISINFECTING GUIDELINES



ILLUMENA™ NEO DISINFECTING GUIDELINES


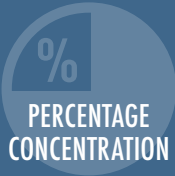



 <p>CHEMICAL AGENT</p>	 <p>PERCENTAGE CONCENTRATION</p>	 <p>AGENT PRODUCT EFFECT</p>	 <p>RECOMMENDATION OF USE</p>	 <p>PRODUCT DETAILS</p>
<p>Ethyl Alcohol (Ethanol)</p>	<p>62%</p>	<ul style="list-style-type: none"> ▶ The product did not cause any damage or discoloration to any of the tested components or surfaces ▶ No components were affected ▶ No damage on any hardware with zinc or black oxide plating 	<ul style="list-style-type: none"> ▶ Most benign chemical of the test disinfectants and should be the first to be recommended 	
<p>Hydrogen Peroxide</p>	<p>2.2%</p>	<ul style="list-style-type: none"> ▶ A minor effect on the Pedestal Hub blue paint (dots created) ▶ A medium effect on the lag screws zinc plating 	<ul style="list-style-type: none"> ▶ Should recommend that the percentage levels are kept this low (or lower) for either one or both chemicals 	<ul style="list-style-type: none"> ▶ PEDESTAL HUB: Material: 905838 - Lexan FL900 Polycarbonate Structural Foam. Only the portion painted PMS 296 (Guerbet Blue) was affected. ▶ LAG SCREWS: Material: 904162 - STEEL; ZINC PLATING
<p>+ Isopropyl Alcohol (Isopropanol)</p>	<p>0.5%</p>			
<p>Citric Acid</p>	<p>0.6%</p>	<ul style="list-style-type: none"> ▶ The Pedestal Hub blue paint had minor staining ▶ A medium effect on the lag screws zinc plating ▶ Seven additional hardware components had medium discoloration of the plating ▶ Six of the hardware components had minor to medium plating removal 	<ul style="list-style-type: none"> ▶ For use on plastics only 	<p>Only the portion painted PMS 296 (Guerbet Blue) was affected.</p> <ul style="list-style-type: none"> ▶ 904119 - STEEL; ZINC PLATING ▶ 904101 - STEEL; ZINC PLATING ▶ 904162 - STEEL; ZINC PLATING ▶ 904145 - STEEL; ZINC PLATING ▶ 904134 - SPRING STEEL; BLACK OXIDE ▶ 311S0012 - STEEL; ZINC PLATING ▶ 311S0041 - STEEL; ZINC PLATING ▶ 311S0032 - STAINLESS STEEL; ZINC PLATING

OptiStar™ Elite

DISINFECTING GUIDELINES



OPTISTAR™ ELITE DISINFECTING GUIDELINES


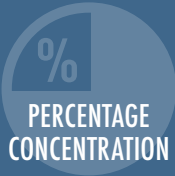



 CHEMICAL AGENT	 PERCENTAGE CONCENTRATION	 AGENT PRODUCT EFFECT	 RECOMMENDATION OF USE	 PRODUCT DETAILS
Ethyl Alcohol (Ethanol)	62%	<ul style="list-style-type: none"> ▶ No tested components / materials were affected by the disinfectants ▶ Most benign chemical 	<ul style="list-style-type: none"> ▶ Primary recommended disinfectant 	
Hydrogen Peroxide	2.2%	<ul style="list-style-type: none"> ▶ Isopropyl Alcohol (Isopropanol) had only some minor effects on metal hardware coating 	<ul style="list-style-type: none"> ▶ Recommend that the percentage levels are kept this low (or lower) for either one or both chemicals 	<ul style="list-style-type: none"> ▶ SCREW,M4X.7,10MM,PR,TH,BLK: Steel: Black Zinc Finish ▶ SCREW, M4X.7,10MM,PH W/LCK & FLT WSHR: Brass with nickel plating
+ Isopropyl Alcohol (Isopropanol)	0.5%			
Citric Acid	0.6%	<ul style="list-style-type: none"> ▶ It had some minor to medium issues with metal hardware components and their coatings 	<ul style="list-style-type: none"> ▶ For use on plastics only 	<ul style="list-style-type: none"> ▶ SCREW,M4X.7,10MM,PR,TH,BLK: Steel; Black Zinc Finish ▶ SCREW, M4X.7,10MM,PH W/LCK & FLT WSHR: Brass with nickel plating

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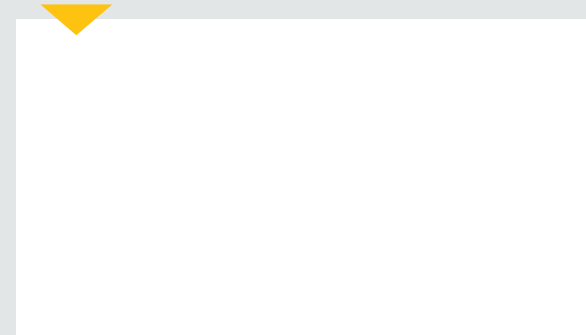
DISINFECTING GUIDELINES



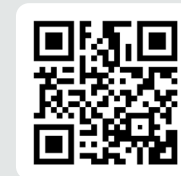
READY BOX® DISINFECTING GUIDELINES

 <p>CHEMICAL AGENT</p>	 <p>PERCENTAGE CONCENTRATION</p>	 <p>AGENT PRODUCT EFFECT</p>	 <p>RECOMMENDATION OF USE</p>	 <p>PRODUCT DETAILS</p>
Ethyl Alcohol (Ethanol)	62%	<ul style="list-style-type: none"> ▶ Most benign chemical ▶ No tested components/materials were affected by the disinfectants. 	<ul style="list-style-type: none"> ▶ The primary recommended disinfectant 	
Hydrogen Peroxide	2.2%	<ul style="list-style-type: none"> ▶ Minor effects on metal hardware coating 	<ul style="list-style-type: none"> ▶ Recommend that the percentage levels are kept this low (or lower) for either one or both chemicals 	<ul style="list-style-type: none"> ▶ SCREW,SEM,6-32X1/4" SLOT HEX, WASHER: Zinc plated steel ▶ SCREW-THREAD FORMING 6-32 X1/2 HEX WASHER HEAD: Zinc plated steel ▶ WASHER - #8 INT. TOOTH: steel ▶ NUT-8-32X1/4 HEX: steel ▶ SCREW-8X1/2 PR TH: steel
<p>+</p> Isopropyl Alcohol (Isopropanol)	0.5%			
Citric Acid	0.6%	<ul style="list-style-type: none"> ▶ Minor to medium issues with metal hardware components and their coatings 	<ul style="list-style-type: none"> ▶ For use on plastics only 	<ul style="list-style-type: none"> ▶ SCREW,SEM,6-32X1/4" SLOT HEX, WASHER: Zinc plated steel ▶ SCREW-THREAD FORMING 6-32 X1/2 HEX WASHER HEAD: Zinc plated steel ▶ WASHER - #8 INT. TOOTH: steel ▶ NUT-8-32X1/4 HEX: steel ▶ SCREW-8X1/2 PR TH: steel

Driven by its commitment to advance radiology today and tomorrow, Guerbet Diagnostic Imaging has designed a portfolio of interconnected contrast imaging solutions to enhance your decision-making at each point of the patient journey from diagnosis, to treatment, to follow-up, so you can focus on what matters most, efficiently improving patient outcomes.



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