

Material compatibility test with disinfectant “Sekusept aktiv”

We, FUJIFILM Corporation, hereby confirm about material compatibility between Fujinon endoscope and disinfectant “Sekusept aktiv” from Ecolab Deutschland GmbH as follows.

Application Fujinon endoscopes:

Models in attached list which are manufactured as of 31 July 2009. In case of new material used for Fujinon endoscope, it is necessary to confirm the compatibility additionally.

Name of Disinfectant: Sekusept aktiv Ecolab Deutschland GmbH (Germany)

Used solution: Hight level disinfectant.

- Sodium Percarbonate	30 – 50%
- Citric Acid	10 – 20%
- Sodium Carbonate	2 – 5%
- Solvents / Additives	1 – 2%

The density of the disinfection liquid is diluted to 2%.

Disinfection's condition: 15min/1cycle.

Temperature of examined liquid: Room temperature.

Tested sample: Material test samples for FUJINON endoscopes.

Test condition: The test samples were soaked in the disinfection liquid continuously 1500 cycles by Ecolab Deutschland GmbH 1500 cycles are nearly for 1 year use.

Result: It is found discoloration on Aluminum parts.

【The conclusion】: Serious damages were not found about influencing the function by this material compatibility test. But regular check of the scope is required since it has been confirmed discoloration as above mentioned. This result is only valid on simple test between Fujinon endoscopes and Sekusept aktiv. The combination use with another liquid, and switch-over disinfectant (for example from Gutaraldehyde into Peracetic acid), etc. are not applicable.

In case combination use, it is recommended to ask the manufacture for material compatibility.

Confirmed by Q.A./Q.C. :	<i>M. Ayatsa</i>
Date :	17. Nov '09
Engineering section :	<i>Dagmar - A</i>
Date :	17 Nov '09

Chief inspector :	<i>Qact</i>
Date :	01/10/09
Engineering section :	<i>S. f. g. u.</i>
Date :	30 September 2009

Material compatibility test with disinfectant “SEKUSEPT AKTIV“

Fujinon Video Endoscopic Systems

< 500 Series >

EG-530WR
EG-530CT
EG-530D
EG-530FP
EG-530N
EG-530NP
EG-530NH
EG-590WR
EG-590ZW
ED-530XT
ED-530XT8
EC-530WM
EC-530WM H
EC-530WI
EC-530WI H
EC-530WL
EC-530WL H
EC-530FM
EC-530FI
EC-530FL
EC-530LS
EC-530DL
EC-530DM
EC-530IT
EC-530LP
EC-530LT
EC-530MP H
EC-530MT
EC-590WI
EC-590WL
EC-590MP
EC-590WM
EC-590MP
EC-590ZW
EC-590ZW/M
EC-590ZW/M H
EC-590ZW/L H
EB-530S
EB-530T
EB-530H
EB-530P
ES-530WE

< 400 Series >

EG-410CT
EG-410CT*
EG-450CT5
EG-450D
EG-450D5
EG-450HR
EG-450PE
EG-450PE5
EG-450WR5
EG-450ZW5
EG-470N
EG-470N5
EG-490WR5
EG-490ZW5
EG-450D5
EG-470NH5
EG-450RD5
ED-450XL
ED-450XL5
ED-450XL8
ED-450XT
ED-450XT5
ED-450XT8
EC-410CM
EC-410HI
EC-410HM
EC-410WI
EC-450DL5
EC-450DM5
EC-450HL5
EC-450LP
EC-450LP5
EC-450MP5
EC-450MP5-H
EC-450WI
EC-450WI5
EC-450WI5-H
EC-450WL
EC-450WL5
EC-450WL5-H
EC-450WM
EC-450WM5
EC-450WM5-H
EC-450ZH
EC-450ZW5/L
EC-450ZW5/M
EC-450BI5
EC-450RD5
EC-450MP5
EC-450LS5
EC-450DL5
EC-490ZW5/L
EC-490ZW5/M
ES-450WE5
EB-450S
EB-450T
EB-470P
EB-470S
EB-470T
EN-450P5/20
EN-450T5
EY-470S

< 200 Series >

EG-200CT*
EG-201FP
EG-250CT5
EG-250D5
EG-250HR
EG-250HR2
EG-250PE
EG-250PE5
EG-250WR5
EG-250FP5
EG-270N
EG-270N5
EG-270NH5
ED-200XU
ED-250XL
ED-250XL5
ED-250XL8
ED-250XT
ED-250XT5
ED-250XT8
EC-250MP5
EC-200LT
EC-200LT Ver5. 9
EC-200MT
EC-200MT Ver5. 9
EC-201WI
EC-201WL
EC-201WM
EC-250DL5
EC-250DM5
EC-250HL5
EC-250LP5
EC-250LS5
EC-250WI
EC-250WI5
EC-250WI5-H
EC-250WL
EC-250WL5
EC-250WL5-H
EC-250WM
EC-250WM5
EC-250WM5-H
ES-250WE5
EB-250S
EB-250T
EB-270P
EB-270S
EB-270T
EN-200WM TYPE23*
ER-270FP
ER-270T
EH-270T
EH-270S
EO-270F
EY-270S/B

Fujinon Fiberscopes

< Z Series >

FG-1Z
FG-1ZP
FD-1Z
FC-1Z
FC-1ZM

< 100 Series >

FG-100PE
FG-100CT

< Other Series >

CHO-SP
FB-120T
FB-120S
FB-120P
FR-120F
FR-120FP
FL-100
FH-120S
FH-120T
FO-120F

Fujinon EUS Systems

< FNA Scope >

EG-250US TYPE 708FA
EG-530UR
EG-530UT