

# Processing Instructions for USTOMED INSTRUMENTE

(acc. to DIN EN 17664)

<b>Brand-new instruments</b>	<p>Brand-new instruments, as well as instruments returned from repair, must be removed from their transportation packaging before including them in the sterile processing and supply cycle. This also requires removal of all protective devices (such as foils, caps, etc.).</p> <p>Prior to sterilizing such instruments for the first time, they must be thoroughly cleaned. In particular, all oil residues must be carefully removed. If cleaning is done manually, hot water must be used for this purpose, adding a suitable, commonly available washing-up liquid (e.g. Priel). Machine cleaning is possible if a thermal disinfectant is available. Instruments should always be stored in a dry room to prevent condensation and consequential corrosion damage. Prior to initial use, such instruments must be sent through the entire processing cycle in the same way as used instruments.</p>
<b>Preparatory measures</b> (wet disposal)	<ul style="list-style-type: none"> <li>▪ Ensure that all residues (blood, tissue particles, medicines) are carefully removed from the instruments immediately after the surgical intervention.</li> <li>▪ Instruments should <b>never</b> be just “dropped“ when disposing of them. Instead, put them down carefully to avoid mechanical damage.</li> <li>▪ Do <b>not</b> immerse instruments in NaCl solutions because this may cause pitting or stress corrosion cracking. Use only an approved detergent-disinfectant solution that has no protein-fixing effect (as regards the mix, be sure to follow the product manufacturer’s instructions for use).</li> <li>▪ Avoid overloading instrument and washing trays.</li> <li>▪ Process the instruments immediately after use (do not store them dirty!).</li> <li>▪ Jointed instruments must always be processed in open condition.</li> </ul>
<b>Cleaning &amp; disinfection</b> (manual)	<ul style="list-style-type: none"> <li>▪ Use only cleaners and disinfectants suitable (approved) for instruments.</li> <li>▪ Use only soft cloths/brushes for removing residues.</li> <li>▪ Note that after the final rinse with fully demineralized (!) water, all instrument surfaces must be completely clean (no residues). If this is not the case, repeat the entire process!</li> </ul>
<b>Cleaning &amp; disinfection</b> (with thermal disinfectant)	<ul style="list-style-type: none"> <li>▪ Machine cleaning/disinfection is mainly used in connection with dry disposal.</li> <li>▪ Machine processing is usually possible for stainless-steel and titanium instruments, including thermal disinfection at 93°C (199°F) for 10 minutes. <b>For exceptions, please refer to the appendix below!</b></li> <li>▪ For program details, see the description in section 6.2 of the “Red Booklet“ (“Proper Maintenance of Instruments”), 8<sup>th</sup> edition (<a href="http://www.a-k-i.org/DEUTSCH/lit.htm">www.a-k-i.org/DEUTSCH/lit.htm</a>).</li> <li>▪ Both neutral-pH and alkaline detergents can be used as long as the product manufacturer has approved them for instrument use. Be sure to observe and follow the manufacturer’s instructions for use!</li> <li>▪ When using a thermal disinfectant for instrument processing, be sure to observe and carefully follow the instructions provided by both the disinfectant manufacturer and the manufacturers of the cleaners/disinfectants used.</li> <li>▪ Be sure to use fully demineralized water for the final rinse!</li> </ul>
<b>Maintenance / inspection &amp; testing</b>	<ul style="list-style-type: none"> <li>▪ Instruments incorporating joints and/or other movable parts must be treated with sterilization-proof, steam-permeable care agents (again, be sure to observe and follow the product manufacturer’s instructions for use!).</li> <li>▪ Immediately after they have cooled down, all instruments must be checked for proper functioning.</li> <li>▪ Damaged instruments (cracks, corrosion, etc.) must be sorted out and withdrawn from service.</li> </ul>
<b>Sterilization</b>	<ul style="list-style-type: none"> <li>▪ Steam sterilization at 134°C (273°F), using a fractionated vacuum cycle and a sterilizer satisfying EN 285 requirements. Use only validated sterilization processes!</li> <li>▪ Use pure steam only (i.e. steam containing no harmful substances) to prevent spotting, discolorations or corrosion on the instruments’ surfaces.</li> <li>▪ For recommended limit values concerning harmful substances contained in the feed water and steam condensate, please refer to EN 285 (for extract, see “Red Booklet”, section 2).</li> <li>▪ If other sterilization methods are used, information on material resistance and compatibility can be obtained from USTOMED INSTRUMENTE.</li> </ul>

## Exceptions

For the products listed here, be sure to observe and follow the specific processing instructions given in each case:

- The instruments listed below are **partially made from aluminum** for technical reasons. Therefore, neither a thermal disinfectant nor ultrasound may be used for processing them. Moreover, only aluminum-compatible disinfectants – e.g. "neodisher Septo MED" from Dr. Weigert ([www.drweigert.de](http://www.drweigert.de)) – are permitted. Of course, these instruments are fully autoclavable/sterilizable.

Item No.	Designation
38-505-000	Bone collector – Stainless-Steel-Pat. (del. as of 2009) suitable for thermal disinfectant and ultrasound
67-636-210	Mallet, 18,5 cm, 210 g, Ø 25 mm, Alu
67-670-720	OMBREDANNE, mallet, 26 cm, 720 g
84-145-018	CITOJECT, Pressure syringe f.intraligament.anaesth
87-174-024	Mini-Endo-Box,w/o instr.,105 x 45 x 57mm
90-250-000	Stick-on labels, red
90-250-001	Stick-on labels, blue
90-250-002	Stick-on labels, green
90-250-003	Stick-on labels, yellow
90-604/606/616-040	Dental-sterile-containers, 310x190x40 mm
90-604/606/616-065	Dental-sterile-containers, 310x190x65 mm
90-604/606/616-130	Dental-sterile-containers,310x190x130 mm
90-650-000/1/2/3/4/5	Identification label, different colors
90-686/4-040	Dental-sterile-containers
90-692-000	Storing frame for instruments
30-10020	Bull Bone Mill

- The instruments listed below are **made from German/nickel silver** for technical reasons. Therefore, neither a thermal disinfectant nor ultrasound may be used for processing them. Moreover, only a suitable disinfectant – e.g. "neodisher Septo MED" from Dr. Weigert ([www.drweigert.de](http://www.drweigert.de)) – is permitted. Of course, these instruments are fully autoclavable/sterilizable.

Item No.	Designation
42-652-000	BOWMAN,antrum probe,ball-point,size 00/0
42-652-001	BOWMAN,antrum probe,ball-point.,size 0/1
42-652-012	BOWMAN,antrum probe,ball-point.,size 1/2
42-652-023	BOWMAN,antrum probe,ball-point.,size 2/3
42-652-034	BOWMAN,antrum probe,ball-point.,size 3/4
42-652-045	BOWMAN,antrum probe,ball-point.,size 4/5
42-652-056	BOWMAN,antrum probe,ball-point.,size 5/6
42-652-067	BOWMAN,antrum probe,ball-point.,size 6/7
42-652-078	BOWMAN,antrum probe,ball-point.,size 7/8
42-652-300	BOWMAN,antrum probe,ball-point,sz.000/00
42-652-400	BOWMAN,antrum probe,ball-point.,0000/000

- In the instruments listed below, **chromium-plated components** have partially been used for technical reasons. Therefore, neither a thermal disinfectant nor ultrasound may be used for processing them. Moreover, only a suitable disinfectant – e.g. "neodisher Septo MED" from Dr. Weigert ([www.drweigert.de](http://www.drweigert.de)) – is permitted. Of course, these instruments are fully autoclavable/sterilizable.

Item No.	Designation
38-670-015	HAJEK, irrigating cannula, 1,5 mm diam.
38-670-020	HAJEK, irrigating cannula, 2,0 mm diam.
48-085-001	Mouth wedge, silicone, with chain, child
48-085-002	Mouth wedge, silicone, with chain, adult
84-080-018	Cartridge syringe, ring handle, compact
84-100-018	Cartridge syringe, ring handle
84-102-018	Cartridge syringe, crutch handle
84-104-018	Cartridge syringe, 3-ring handle
84-110-018	Ointment syringe, ring handle

84-112-018	Ointment syringe, crutch handle
84-116-003	Exchangeable cartridge holders, 3 ea.
84-116-018	Cartridge syringe w/exchang.cartr.hold.
84-118-018	Cartridge syringe w/exchang.cartr.hold.
84-126-050	Spare attachment only f. ointm. cannulas
84-135-000	Ointment cannulas, 12 ea.
84-137-000	Ointment cannulas, olive tip, 12 ea.
84-142-018	Pressure syringe f.intraligament.anaesth
84-142-100	Dispos.needles f.intraligament.anaesth.
84-144-018	Pressure syringe,w/limit.of power press.
84-167-015	Spec. irrigating cannula,olive tip, 9 cm
84-981-220	LANGENBECK,finger protector, Ø 22 mm
84-981-245	LANGENBECK,finger protector, Ø 24,5 mm
84-981-265	LANGENBECK,finger protector, Ø 26,5 mm
84-990-000	ADAMS, napkin holder
86-921-001	Amalgam gun, metal,metal tip,slight.cvd.
86-921-002	Amalgam gun,metal,metal tip,medium cvd.
86-921-003	Amalgam gun, metal,metal tip,strong cvd.
86-924-006	Spare tips, metal, 6 ea. pack.
86-927-001	Amalgam gun,metal,plastic tip,slight.cvd
86-927-002	Amalgam gun, metal, with plastic tip
86-927-003	Amalgam gun,metal,plastic tip,strong cvd
86-933-000	Amalgam gun, metal, with metal tip
86-936-006	Spare tips,metal f. 86-933-000,6 ea.pack
86-939-000	Amalgam gun, metal, with plastic tip
88-440-000	SCHREINEMAKERS,impress.trays,edent.,set
88-440-021	SCHREINEMAKERS,impress.tray,edent.,sz.21
88-440-022	SCHREINEMAKERS,impress.tray,edent.,sz.22
88-440-023	SCHREINEMAKERS,impress.tray,edent.,sz.23
88-440-024	SCHREINEMAKERS,impress.tray,edent.,sz.24
88-440-025	SCHREINEMAKERS,impress.tray,edent.,sz.25
88-440-026	SCHREINEMAKERS,impress.tray,edent.,sz.26
88-440-031	SCHREINEMAKERS,impress.tray,edent.,sz.31
88-440-032	SCHREINEMAKERS,impress.tray,edent.,sz.32
88-440-033	SCHREINEMAKERS,impress.tray,edent.,sz.33
88-440-034	SCHREINEMAKERS,impress.tray,edent.,sz.34
88-440-035	SCHREINEMAKERS,impress.tray,edent.,sz.35
88-444-000	SCHREINEMAKERS,caliper for edent. trays
88-500-001	Impression tray,water-cooled,upper,sz.S
88-500-002	Impression tray,water-cooled,upper,sz.M
88-500-003	Impression tray,water-cooled,upper,sz.L
88-500-004	Impression tray,water-cooled,upper,sz.XL
88-510-001	Impression tray,water-cooled,lower,sz.S
88-510-002	Impression tray,water-cooled,upper,sz.M
88-510-003	Impression tray,water-cooled,upper,sz.L
88-510-004	Impression tray,water-cooled,upper,sz.XL
88-530-000	Impress. tray,water-cooled,partial, left
88-540-000	Impress.tray,water-cooled,partial,right
88-550-000	Impress.tray,water-cooled,partial,anter.

- To **maximize the service life** of the instruments listed below, neither a thermal disinfectant nor ultrasound may be used for processing them:

Item No.	Designation
84-226-000	Mouth mirror handle, hexagonal, chrom.
84-251-003	Mouth mirrors, magnif., size 3, 12 ea.
84-251-004	Mouth mirrors, magnif., size 4, 12 ea.
84-251-005	Mouth mirrors, magnif., size 5, 12 ea.
84-251-006	Mouth mirrors, magnif., size 6, 12 ea.
84-253-003	Mouth mirrors, plane, size 3, 12 ea.

- 84-253-004 Mouth mirrors, plane, size 4, 12 ea.
- 84-253-005 Mouth mirrors, plane, size 5, 12 ea.
- 84-253-006 Mouth mirrors, plane, size 6, 12 ea.
- 84-265-004 Mouth mirrors, plane, high refl., size 4
- 84-265-005 Mouth mirrors, plane, high refl., size 5
- 84-273-003 Mouth mirrors, plane, rhodium, sz.3, 12 ea.
- 84-273-004 Mouth mirrors, plane, rhodium, sz.4, 12 ea.
- 84-273-005 Mouth mirrors, plane, rhodium, sz.5, 12 ea.
- 84-279-004 Mouth mirror/cheek retractor, pl., size 4
- 84-279-005 Mouth mirror/cheek retractor, pl., size 5
- 84-281-006 Root resection mirror, plane, Ø 6 mm
- 84-281-008 Root resection mirror, plane, Ø 8 mm
- 84-285-003 Root resection mirror, plane, rhodium, Ø 3 mm
- 84-285-005 Root resection mirror, plane, rhodium, Ø 5 mm
- 84-285-072 Root resection mirror, plane, rhodium, 7 x 2 mm
- 84-285-093 Root resection mirror, plane, rhodium, 9 x 3 mm
- 84-290-225 Mirror for intraoral photogr., occlusal
- 84-292-210 Mirror for intraoral photogr., lingual
- 84-295-170 Mirror for intraoral photogr., buccal

▪ **Disinfect only manually – do NOT use a thermal disinfecter or autoclave:**

**Item No.            Designation**

- 36-272-000 ANESTOPHON-COLOR, stethoscope, black
- 36-298-000 GUTOWSKI, stereo-stethoscope
- 36-460-000 MINIMUS II, blood pressure manometer

- 36-970-100 Original AMBU respiration bag, MARK III
- 36-970-112 Original AMBU clear vision mask, size 2
- 36-970-115 Original AMBU clear vision mask, size 5
- 36-970-120 Original AMBU oxygen reservoir



Autoclavable – please observe and follow the product manufacturer's instructions for use

- 36-970-130 Original AMBU hyperventilation adapter
- 36-970-290 Diagnostic lamp, for pupillary diagnostic
- 36-970-300 Vein compressor, with quick release
- 36-970-708 Oxygen bottle, 0,8 l, 200 bar, complete
- 36-970-850 Original AMBU twin suction pump
- 36-970-900 Ampoule case for 37 ampoules
- 38-520-006 Cleaning brushes for suct. tubes, 6 pcs
- 88-590-000 Cooling tube for impression trays
- 89-179-099 Allan key, only
- 89-580-125 Side cutter of chrome vanadium steel
- 89-586-140 End nippers of chrome vanadium steel
- 89-752-130 Mixing bowl of soft silicone, Ø 13 cm
- 89-790-075 Alcohol burner, 60 ml, metal
- 89-792-100 Alcohol burner, 100 ml, opal glass
- 89-798-190 Plaster cast cutting fcps., 19 cm, DBGM
- ANESTOPHON-COLOR, stethoscope, black

▪ **Do NOT use a thermal disinfecter or hot-air sterilizer for the following items:**

**Item No.            Designation**

- 90-124-000 Lifting handle, plastic covered
- 90-126-100 Paper filters for Norm-Trays, 100 ea. pack
- 90-326-500 Paper filters for semi-size trays, 500 ea.
- 90-630-010 Long-term-textile sterile filters, 10 ea.
- 90-662-100 Indicator labels, pack. 100 ea.
- 90-665-100 Sealing plombs, pack. 100 ea.