



HOLLOWARE CATALOGUE

Surgical & Dental

Holloware



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Instruments Cleaning Procedure

Enemies of Surgical Instruments:

- Water and moisture of any kind (especially blood, pus, surgical debris and chlorhexidine solutions)
- Cold soaking or washing instruments with inappropriate solutions such as dish or laundry soap, bleach, iodine-type solutions, general disinfectants, surgeon's hand scrub
- Allowing any type of moisture to air-dry on your instruments will cause severe damage

Causes of Corrosion Staining, Pitting and Marking:

- Surgical residues such as blood, pus and other secretions contain chloride ions which lead to corrosion most often appearing as dark spots.
- Blood is left on the instruments for any period of time (20 minutes or longer)
- Residues are allowed to dry causes pitting.
- The most damaging procedure is to allow dried-on blood to become baked-on stains in the autoclave.
- The temperature of the autoclave (250°270°F or 121°132°C) will cause chemical reactions that can make the stain permanent.
- The cleansers and cleaning agents you use could also be a source of corrosion.
- Strong substances, as well as those containing a chemical make-up of acid or alkaline-based solutions, can lead to pitting and staining.
- Wash instruments with a neutral pH soap (between 7pH - 8pH) that is designed for surgical instruments for optimal results.
- Anything with a higher pH may damage the instrument.
- Use of dish soap, iodine, bleach, cold-soak solution, chlorhexidine-based solutions, laundry soap or surgeons hand scrub will cause spotting and corrosion.

Cleaning After Surgery:

- The washing process should begin within 20 minutes after surgery
- It prevents blood from drying and is your best defense against corrosion, pitting and staining.
- Only use approved solutions for washing, disinfecting, and lubricating.
- Approved solutions are specifically designed for surgical instruments and the sterilization cycle. Their product labels will state this use.

Sterilization:

- All surgical instruments must be sterilized prior to surgery to prevent infection.
- Only sterilize a clean instrument.
- Even sterilization can leave contaminants behind if not properly cleaned.
- Sterilize instruments with the ratchets open.
- This allows for better steam penetration. Plus, it prevents the box locks (hinge area) from cracking.
- If using a pan or tray, we recommend one with perforations. This will also enable better steam penetration and aids in more effective drying as well.
- Place heavy instruments at the bottom and lighter, more delicate instruments on top.
- If sterilizing in paper or plastic pouches, do not stack pouches on top of one another during sterilization.

Ultrasonic Cleaning:

Ultrasonic cleaning is 16 times more efficient than manual cleaning alone. Place instruments in the ultrasonic unit for 10-15 minutes and use a neutral pH ultrasonic solution. Here are a few tips for ultrasonic cleaning:

- Before placing into the ultrasonic unit, clean instruments of all visible debris by hand-washing them in neutral pH soap.
- Before placing instruments into the ultrasonic unit, turn on the ultrasonic machine and let it run for 10 minutes to de-gas the solution. This process removes any gas or air bubbles in the solution.
- The cleaner the instruments go into the ultrasonic cleaner, the cleaner they will come out.
- As with all types of cleaning, open all instruments so ratchets and box locks are fully exposed to the cleaning process.
- Make sure instruments have plenty of room. Don't overload your ultrasonic cleaner.
- Do not mix dissimilar metals (such as aluminum and stainless) in the same cycle to prevent cross-plating.
- Upon completion of the cycle, remove instruments immediately and rinse them.
- Dry instruments thoroughly with a towel, ensuring that no moisture is left on the instruments.

Lubrication:

One of the easiest, yet most effective ways to keep instruments in excellent condition is to lubricate them after every cleaning. Proper lubrication keeps the moving parts of instruments from rubbing and scraping, thus preventing dulling and strain to joints and hinges. Moving parts on instruments, such as joints, box locks, ratchets, and screw joints, should be lubricated regularly. Before autoclaving, lubricate all instruments that have moving parts. Only use water-based surgical lubricants because they are steam penetrable.



Tip Protectors:

The use of tip protectors is a good practice that protects valuable instruments and scopes from damage. Many times the damage to an instrument from not using tip protectors is not repairable, making it necessary to replace the instrument. Tip protectors can be used on the tips of pointed scissors and sharp instruments, skin hooks, distal tips of rigid scopes and to guard the cutting edges of osteotomes.





HOLLOWWARE

For Dental

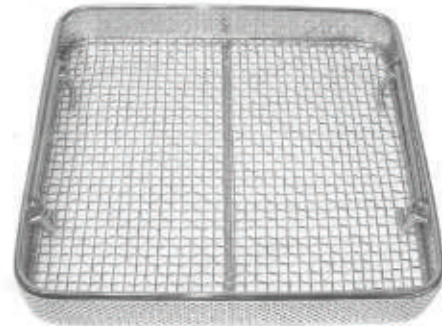
**100%
TOP QUALITY**



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2948
Instruments Tray of 20 Pcs



2951
Instruments Riddle



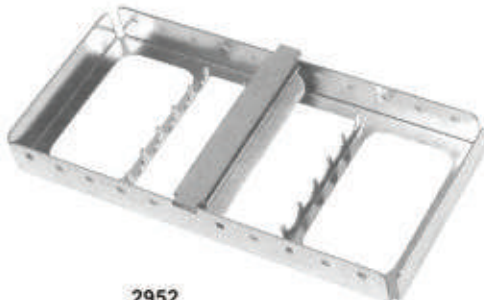
2949
Instruments Tray of 7 Pcs



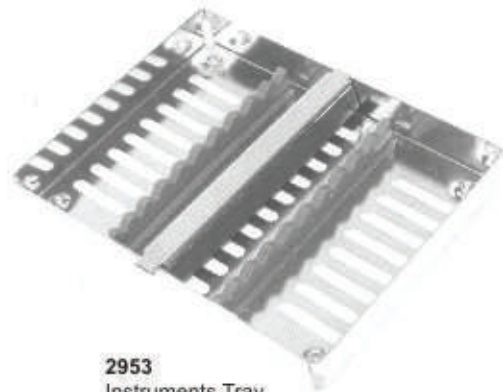
2949-A
Instruments Tray of 10 Pcs



2950
Instruments Tray of 5 Pcs



2952
Instruments Tray of 5 Pcs



2953
Instruments Tray



2954
Instruments Tray
Perforated



2955
Instruments Tray
Perforated Base



2956
Instruments Tray
Solid Base



2957
Pulpectomy Tray



2958
Sterilizing Box
Available Sizes:
17x17x3 cm
20x10x6 cm
30x14x6 cm



2959
Endo Tray Box



2960
Finger Cup



2961
Bur Box

2962
Sterilizing Drum
150x150mm
175x175mm
190x190mm
200x140mm
200x200mm
240x120mm
225x225mm
240x240mm
290x160mm



2963
Sterilizing Drum
280x240mm
230x150mm
300x250mm
340x160mm
350x250mm
390x200mm
380x300mm
100x100mm
150x120mm



2964
Instruments Box



2965
Instruments Box



2966
Instruments Box



2967
Instruments Sterilizer
150x75 mm



2968
Endodontic Box



2969
Sterilizing Box
320x120 mm



2970
Instruments Tray



2971
Instruments Tray



2972
Instruments Tray
(Perforated)



2973
Instruments Tray
Shallow(Mayo)



2974
Scaler Tray
20.0 x 10.0 x 1.5 cm



2975
Scalers Tray



2976
Scalers Tray



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Forcep and Thermometer Jars



2981
Cotton Holding Jar
60x50 mm



2982
Spitten Mug



2983
Spirit Burner With Wick
Stainless Steel 18/10
Capacity: 150 ml, 60 ml



2984
Spirit Burners With Wick
Stainless Steel 18/10
Capacity: 70ml



2985
Dressing Jar



2986
Dressing Jar



2987
Irrigator (Douch Can)



2988
Measuring Jug



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2989
Sponge Bowl



2990
Wash Basin
300mm-350mm-400mm



2994
Kick Bucket With Trolley



2991
Sponge Bowl



2992
Gallipot



2993
Medicine Cup



2995
Kidney Tray Shallow
150mm-200mm-240mm-300mm



2996
Kidney Tray Without Lid
150mm-200mm-250mm-300mm



2997
Kidney Tray With Lid
150mm-200mm-250mm-300mm



2998
Tube Rack, Stainless Steel 18/10



2999
Needle Case Rectangle
Needle Case Round With Cover
90x15



3000
Dustbin Without Stand
6-10-12 Ltr



3001
Tube Rack, Round Model
Stainless Steel 18/10



3002
Dustbin Without Stand & Cap
6-10-12 Ltr



3003
Lotion Bowl With Lip
40-60-80-100-120-150-18



HOLLOWWARE

For Surgical

**100%
TOP QUALITY**



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19-101 - 115
Schimmelbusch

	Ø x H sizes in mm
19-101	80 x 80
19-102	105 x 120
19-103	140 x 140
19-104	160 x 120
19-105	160 x 150
19-106	190 x 150
19-107	190 x 190
19-108	240 x 160
19-109	240 x 240
19-110	290 x 160
19-111	290 x 240
19-112	340 x 160
19-113	340 x 340
19-114	390 x 190
19-115	390 x 290



19-116
Box
120 x 65 x 13mm
(without Bulldog clamps,
without silicone tape)



19-117
Box with support
120 x 65 x 13 mm
(ohne Bulldogklemmen)



19-118
Box with support for
needle electrodes,
without instruments



19-119 - 121
50 x 25 x 4,5 mm
19-120
65 x 42 x 8 mm
19-121
75 x 25 x 4,5 mm



19-122
Ø 65mm x 15mm



19-123 - 131

	Ø x H
19-123	30 x 90 mm
19-124	50 x 100 mm
19-125	50 x 130 mm
19-126	50 x 175 mm
19-127	75 x 100 mm
19-128	75 x 130 mm
19-129	75 x 175 mm
19-130	100 x 175 mm
19-131	100 x 200 mm



19-141 - 142

- 19-141** Martin Sterilizing Forceps
consisting of:
1 Sterilizing Forceps, curved, 25 cm,
without ratchet, with lid for jar
1 jar with bottom plate (anti-tilt)
- 19-142** ditto, with 32 cm long Sterilizing Forceps



19-132 - 139

19-132	165 x 85 x 35 mm
19-133	200 x 100 x 35 mm
19-134	200 x 100 x 50 mm
19-135	230 x 130 x 50 mm
19-136	260 x 150 x 50 mm
19-137	270 x 235 x 50 mm
19-138	300 x 200 x 50 mm
19-139	325 x 275 x 50 mm



19-140
205 x 105 x 35 mm



19-143 - 148

	Ø x H
19-143	75 x 60 mm
19-144	75 x 75 mm
19-145	100 x 60 mm
19-146	100 x 100 mm
19-146A	125 x 80 mm
19-147	125 x 125 mm
19-148	150 x 150 mm



19-149
25 cc

19-150
50 cc



19-151
20 cc
Medicine Spoon



19-152
Ø 75 x 12 mm
Tablet Tray



19-153
Ø 90 x 90 mm
Metal Cup



19-154
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

19-155	170 x 100 x 35 mm
19-156	250 x 140 x 40 mm
19-157	275 x 150 x 45 mm



19-158 - 165

	Ø x H		
19-158	40 x 19	mm	0.05L
19-159	61 x 30	mm	0.07L
19-160	80 x 40	mm	0.14L
19-161	116 x 50	mm	0.35L
19-162	128 x 55	mm	0.45L
19-163	147 x 65	mm	0.70L
19-164	167 x 75	mm	1.10L
19-165	187 x 85	mm	1.60L



19-166 - 170

19-166	116 x 35	mm	0.30L
19-167	128 x 38	mm	0.40L
19-168	147 x 40	mm	0.50L
19-169	157 x 45	mm	0.75L
19-170	187 x 45	mm	1.00L



19-171
Ø 110 x 28 mm 0.15L



19-172
100 cc 0.1L



19-173 - 176

19-173	0.25L
19-174	0.50L
19-175	1.00L
19-176	2.00L



19-177
235 x 190 x 40 mm



19-178
Ø 220 x 70 mm



19-179
Ø 50 x 100 mm
Powder Pot



19-180
Ø 50 x 75 mm
Methot With Lid



19-181
Ø 50 x 75 mm
Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 Ø 235 mm
19-186 Ø 310 mm



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
150 x 95 x 13 mm



19-190
150 x 95 x 13 mm



19-191
150 x 95 x 13 mm



19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 11 mm



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19-199 - 209

19-199	230 x 130 x 50	mm
19-200	260 x 150 x 50	mm
19-201	275 x 235 x 50	mm
19-202	300 x 200 x 50	mm
19-203	325 x 275 x 50	mm
19-204	420 x 175 x 50	mm
19-205	230 x 130 x 75	mm
19-206	260 x 150 x 75	mm
19-207	300 x 200 x 75	mm
19-208	325 x 275 x 75	mm
19-209	420 x 175 x 75	mm



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm

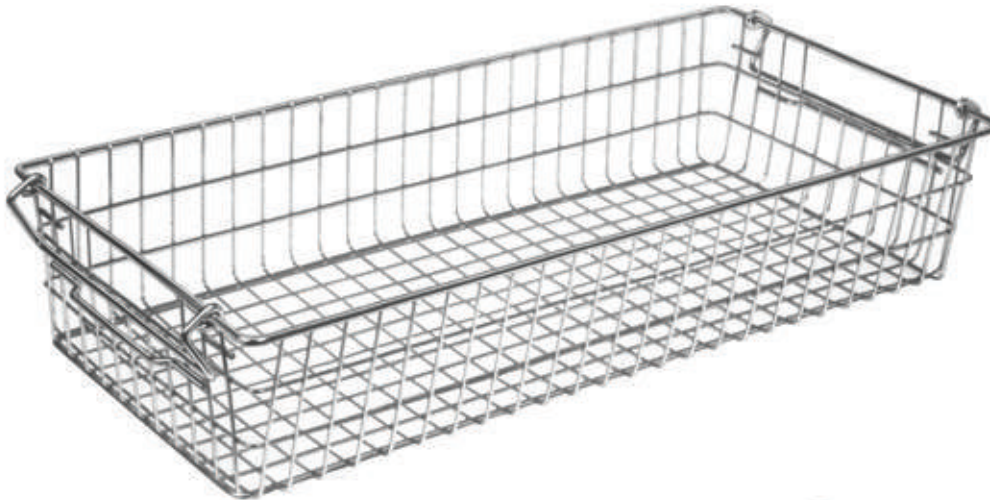


19-198
Deponette
245 x 135 x 60mm



19-210 - 212

19-210	480 x 250 x 50	mm
19-211	520 x 250 x 75	mm
19-212	520 x 250 x 100	mm



19-219
(60 x 30 x 15 cm)
Nominal dimensions



19-213 - 218

19-213	240 x 240 x 50	mm
19-214	240 x 240 x 80	mm
19-215	240 x 240 x 100	mm
19-216	480 x 260 x 50	mm
19-217	520 x 260 x 80	mm
19-218	520 x 260 x 100	mm



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CERTIFICATIONS

