



Altomed Limited

Reprocessing Reusable Stainless Steel and Titanium Intra Ocular Manipulators.



**Manufacturer: Altomed Ltd. 2 Witney Way, Boldon, Tyne/Wear. NE35 9PE.
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Processing, Handling and Care

These devices can go through a standard validated washer /disinfector cycle, and the standard 134°C - 137°C autoclave cycle with a 3 to 3 ½ minute holding time. For full details, please see [Instruction Sheet ALT I013 Altomed Limited – Reprocessing Reusable Stainless Steel and Titanium Devices](#) available from Altomed Limited either at the above contact details or on-line at www.altomed.com/resources.

Inspection

It is very important after decontamination that the tips of these devices are inspected for any signs of damage prior to being released for sterilization. The devices must also be inspected under the microscope prior to insertion in to the eye to ensure no physical damage has occurred during the packaging and sterilization, and the handling and unpacking procedure prior to the operation.

Check for signs of any physical damage such as cracks, chips, bends, dents, scratches, jagged edges, snapped tips or any other physical deformity. Ensure the device is clean with no unwanted debris, fibres etc attached.

The device tips are very delicate as they are designed to function inside the eye and as such need to be very small. If they are dropped, knocked against a hard surface or come into direct contact with the tip of a Phacoemulsification (Ultrasonic) Handpiece they can become damaged and may snap during use.



Warnings

In order to prevent accidental trauma, ensure the patient's head is unable to move during the procedure.

Do not let the tip of the manipulators contact the Phacoemulsification (Ultrasonic) Handpiece as this causes physical damage to the tip of the manipulator and may cause it to break off during use. We would recommend care to avoid inadvertent contact between instruments within the anterior chamber during phacoemulsification.

Tears of Descemet's membrane are common operative occurrences. Small tears typically do not result in major complications. Larger tears, however, can result in significant and persistent postoperative corneal edema with a severe reduction in the patient's visual acuity. Tears of Descemet's membrane are commonly caused by improper insertion of an instrument through the incision. Because most corneal incisions are triplanar, the instrument tip should be introduced in a similar fashion. It is particularly important to push the tip posterior when entering the anterior chamber. A second recommendation to help avoid Descemet's tears is to avoid forcing an instrument or the intraocular lens through a tight incision. It is better to enlarge the incision.

Additionally, care should be taken to avoid mechanical trauma to the iris by intraocular instruments. Proper incision placement and construction will minimize the risk of iris prolapse with subsequent damage to the iris sphincter and stroma.

Sudden pressure and volume changes will induce vitreous prolapse. Thus, it is imperative to gently stabilize and replace volume in the anterior chamber with balanced salt solution or viscoelastic before withdrawing instruments from the anterior chamber.

Intended Purpose and Use:

Used for manipulating the natural and artificial lens and surrounding tissue. These are reusable devices.

Symbols Used to BS EN ISO 15223-1 and ASTM F 2503 and Altomed Internal Codes:

Keep away from
direct sunlight
and store dry



These reusable devices
are non-sterile, wash
and sterilize before use



Fragile
handle with
care



Date of
manufacture



Name of
manufacturer



Lot
number



Product code
number



Follow
instructions
for use (IFU)



Caution
see IFU
warnings



Meet requirements
for CE marking in
the EU



The product is
sterile if this
symbol is on

These are
Medical
Devices



These are classed as medical devices.

REF:	Description:	GTIN:
A1105/8	Double Ended Phaco Chop / Claw Chop	05055505151875
A2160	Hirschman Lens Spatula 0.5mm Wide	05055505109456
A2162	Jaffe Lens Spatula 0.5mm Wide	05055505109463
A2210	Snellen Lens Loop	05055505109579
A2211	Bell Taylor Vectis	05055505109586
A2252	Arruga Lens Expressor Right	05055505109715
A2254	Arruga Lens Expressor Left	05055505109722
A2290	Kuglen IOL Manipulator	05055505109937
A2294	Fenzl IOL Hook Blunt 0.2mm Tip	05055505109951
A2297	Lester IOL Hook 45 Angle 0.2mm Tip	05055505109968
A2299	Osher 'Y' IOL Hook Horizontal Tip	05055505109982
A2299	Osher 'Y' Hook Horizontal Tip, Stainless Steel	05055505109982
A2300	Clayman IOL Hook 0.2mm Tip Ang Titanium	05055505109999
A2300W	Clayman IOL Hook Stainless Steel	05055505110001
A2301	Mushroom Phaco Manipulator	05055505110018
A2302	Mushroom Manipulator Double Ended Titanium	05055505110025
A2302B	Double-Ended Phaco Chop/Bechert Rotator	05055505110032
A2302E	Entabi Double Ended Manipulator	05055505110049
A2302R	Leicester Double Ended Nucleus Splitter/Chop	05055505110056
A2302T	Mushroom Manipulator Double Ended Titanium	05055505110063
A2303	Kuglen Hook Titanium Angled	05055505110094
A2303S	Kuglen Hook Titanium Straight	05055505110100
A2304	Sinskey IOL Hook 0.2mm Tip Straight Titanium	05055505110117
A2305	Maltzman Fenzl Hook 0.15mm Tip Angled Silver	05055505110124
A2306	Maltzman Fenzl Hook 0.15mmTip Angled Titanium Blue	05055505110148
A2307	Hirschman Spatula Titanium	05055505110155
A2308	Hirschman Hook Titanium	05055505110162
A2309	Lee Phaco Chop	05055505110179
A2310	Bechert Nucleus Rotator Phaco	05055505110186
A2310B	Bechert Double Ended Manipulator Blunt Tip	05055505110193
A2311	Bechert Nucleus Rotator Phaco Titanium	05055505110223
A2311-90	Bechert Nucleus Rotator 90° Tip	05055505110230
A2311B-90	Double Ended Bechert Rotator 90°/Blunt End	05055505110254
A2312	Clayman Nucleus Rotator Phaco	05055505110261
A2313	Maloney Double Ended Nucleus Manipulator	05055505110278
A2313A	Maloney Double Ended Nucleus Manipulator Modified	05055505110285
A2314D	Diblo Lens Manipulator	05055505149438
A2316	Phaco Chop Nucleus Divider Titanium	05055505110360
A2316A.	Nagahara Phaco Chop Nucleus Divider	05055505152094
A2316DE	Double Ended Phaco Chop and Mushroom Manipulator	05055505110391
A2316FT	Offset Rotator / Manipulator	05055505110414

A2316G	Greens Nucleus Chop Right Hand Titanium	05055505110421
A2316GL	Greens Nucleus Chop Left Hand Titanium	05055505110438
A2316GM	Greens Modified Chop	05055505110445
A2316HM	Portsmouth Chop	05055505110452
A2316L	Phaco Chop Left	05055505110469
A2316MG	Manipulator Double-Ended Mushroom and Greens Chop	05055505110483
A2316NPS	Strong Manipulator	05055505110490
A2316NSD	Strong Nucleus Divider	05055505148578
A2316R	Rosen Nucleus Paddle	05055505110513
A2316RL	Rosen Nucleus Paddle Left	05055505110520
A2316RM	Rosen Micro Paddle	05055505110537
A2316RS	Rosen Phaco Nucleus Splitter Titanium	05055505110544
A2316T	Phaco Triple Chop Nucleus Divider	05055505110568
A2316Y	Ellingham Paddle	05055505110575
A4482	Microfinger Nucleus Manipulator and Cracker Titanium	05055505113224
A4482L	Microfinger Titanium Left Handed	05055505113231
A4484	Microfinger Nucleus Manipulator and Cracker Titanium	05055505113248
A4484L	Microfinger Cracker Left Handed	05055505113255