



3-PIECE DETACHABLE LAPAROSCOPIC NEEDLE HOLDER

ASSEMBLY, CLEANING & STERILIZATION

CLEANING AND CARE:

- EVERY INSTRUMENT MUST BE CLEANED AND STERILIZED BEFORE BEING USED FOR THE FIRST TIME AND AFTER EVERY SUBSEQUENT USE. APPROPRIATE CLEANING, INSPECTION AND MAINTENANCE HELP TO ENSURE THE SERVICEABILITY OF SURGICAL INSTRUMENTS.
- CLEAN, INSPECT AND TEST ALL INSTRUMENTS THOROUGHLY, AND STERILIZE BEFORE USE. EFFECTIVE CLEANING AND MAINTENANCE WILL PROLONG SERVICE LIFE.
- CLEANING AND RINSING SHOULD BE DONE PROMPTLY AFTER EVERY USE WITH THE INSTRUMENT DISASSEMBLED. OTHERWISE TISSUE PARTICLES OR DRIED SECRETIONS MAY ADHERE TO IT, WHICH MAY MAKE SUBSEQUENT CLEANING AND STERILIZATION DIFFICULT, IF NOT IMPOSSIBLE. INSTRUMENTS MUST BE ENTIRELY FREE OF ANY FOREIGN BODIES.

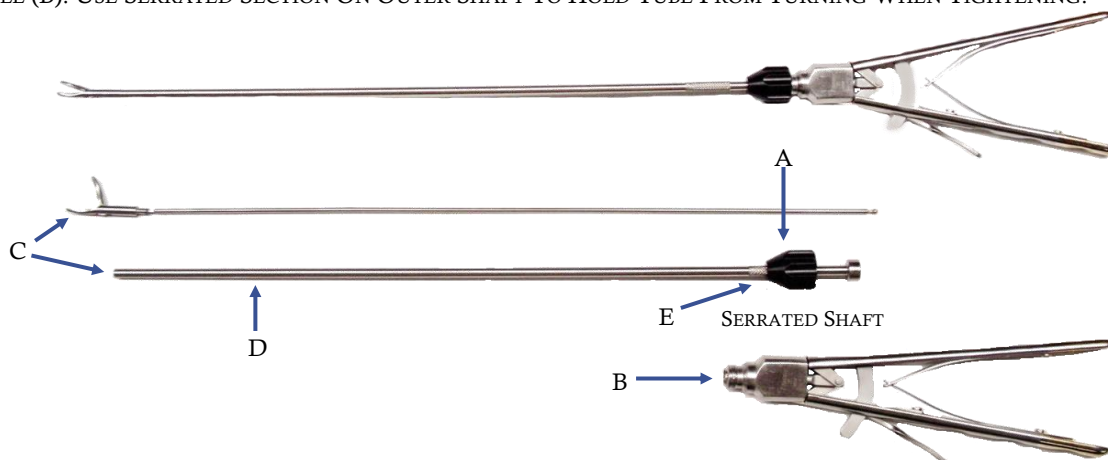
DISASSEMBLY:

1. TURN MAIN SCREW CAP (A) COUNTERCLOCKWISE UNTIL IT DISENGAGES FROM THE HANDLE, SLIDE OFF SHAFT.
2. SET THE HANDLE IN THE OPEN POSITION & RELEASE THE BALL (B) OF INNER ROD OUT OF ITS FIXATION IN THE HANDLE PORT.
3. TURN THE TIP (C) COUNTERCLOCKWISE OUT OF THE TUBE (D).

NOTE: SCREW INSERT INTO TUBE TIGHTLY.

REASSEMBLY AFTER ALL PARTS HAVE BEEN CLEANED: REVERSE STEPS OF DISASSEMBLY INSTRUCTIONS.

AFTER INSERT IS SCREWED INTO TUBE, ALIGN TIP OPEN AND UP AND HOLD IN PLACE WHEN REATTACHING WITH RETAINING KNOB (A) TO HANDLE (B). USE SERRATED SECTION ON OUTER SHAFT TO HOLD TUBE FROM TURNING WHEN TIGHTENING.



HANDLING, STORAGE AND STERILIZATION: EXTREME CARE MUST BE EXERCISED WHILE USING, TRANSPORTING, CLEANING, STERILIZING, AND STORING. DAMAGE TO THE FUNCTION AND SAFETY OF THE INSTRUMENT MAY OCCUR IF THE INSTRUMENT IS HANDLED ROUGHLY OR IMPROPERLY, OR USED FOR SOMETHING OTHER THAN ITS INTENDED PURPOSE.

CLEANING: THE INSTRUMENT IS IN THREE PIECES: HANDLE, INSERT, OUTSIDE SHAFT AND SCREWCAP.

- RINSE WITH DEIONIZED WATER TO REMOVE ANY DEBRIS. HAND-WASH ALL PARTS USING NEUTRAL PH DETERGENT OR ENZYMATIC CLEANER*¹ AND A SOFT BRUSH, BEING SURE TO FLUSH ALL LUMENS AND CHANNELS WITH SOLUTION.
- THOROUGHLY CLEAN THE INSIDE OF THE OUTSIDE SHAFT USING A SOFT BRUSH*² AND FLUSHING SOLUTION THROUGH IT. AVOID THE USE OF STEEL WOOL, WIRE BRUSHES, AND/OR ABRASIVE DETERGENTS.
- CLEAN*³ ENTIRE SURFACE OF INSERT, PAYING SPECIAL ATTENTION TO THE TIP AREA TO BE SURE ALL BLOOD AND DEBRIS IS REMOVED.
- THOROUGHLY RINSE INSTRUMENT WITH DEIONIZED WATER AFTER CLEANING TO REMOVE ANY RESIDUAL DEBRIS OR CLEANING SOLUTION.

*¹ RECOMMENDED MERITZ PLUS DISINFECTANT/DECONTAMINANT: ITEM NO. **52003-90**.

*² RECOMMENDED ELMED CLEANING BRUSHES, ITEM NO. **52003-21** & **52003-41**.

*³ RECOMMENDED ELMED WATER JET CLEANING KIT, ITEM NO. **52003-80** & **52003-81**.

*RECOMMENDED ELMED INSTRUMENT OIL, ITEM NO. **52003-39**

IMPORTANT: BEFORE EACH USAGE THE INSTRUMENTS MUST BE CHECKED IF THEY ARE CORRECTLY & FUNCTIONALLY ASSEMBLED.

STERILIZATION: THE INSTRUMENTS CAN BE STERILIZED FULLY ASSEMBLED (RECOMMENDED) OR IT CAN BE STERILIZED DISASSEMBLED AND THEN REASSEMBLED IN A STERILE FIELD IN THE OPERATING ROOM

STEAM AUTOCLAVING

IF A WRAPPING METHOD IS USED, MAKE CERTAIN THAT THE INSTRUMENTS ARE INDIVIDUALLY WRAPPED OR SEALED IN A STERILE PACK. OTHER METAL OBJECTS SHOULD NEVER COME IN CONTACT WITH THE INSULATING MATERIAL OF THE FLEXIBLE INSTRUMENTS, OR WITH RF-CONNECTION CABLES. SUCH POINTS OF CONTACT MAY CAUSE MELTING OF THE INSULATION.

WE RECOMMEND THE FOLLOWING VALUES/PARAMETERS, BUT WE ALSO SUGGEST FOLLOWING THE MANUFACTURER'S INSTRUCTIONS FOR STEAM STERILIZATION:

CYCLE	STERILIZING TEMP.	STERILIZING TIME	DRYING TIME* ³
PRE VACUUM/WRAPPED	270° F (132° C)	4 MINUTES	30 MINUTES
GRAVITY/WRAPPED	250° F (121° C)	30 MINUTES	45 MINUTES
GRAVITY/WRAPPED	270° F (132° C)	15 MINUTES	45 MINUTES

ETO STERILIZATION: THE INSTRUMENT MAY BE STERILIZED BY ETHYLENE OXIDE, FOLLOWING THE INSTRUCTIONS RECOMMENDED BY THE MANUFACTURE OF THE STERILIZATION EQUIPMENT. TYPICAL CONDITIONS ARE 500 MG/1 ETHYLENE OXIDE, 30-70% RELATIVE HUMIDITY AND 120-135°F TEMPERATURE. PRESSURE READING SHOULD NOT EXCEED 12 PSI. TEMP. SHOULD NOT EXCEED 68.3°C(155°F). EXPOSURE TIME WILL DEPEND ON THE TYPE OF EQUIPMENT USED.

STERRAD STERILIZATION PROCESS INCLUDING STERRAD NX: THE STERILIZATION PROCESS IS A MULTIPLE STERILIZATION PROCESS THAT UTILIZES A COMBINATION OF EXPOSURE TO HYDROGEN PEROXIDE VAPOR AND PLASMA TO AFFECT STERILIZATION. THE STERRAD NX STERILIZER CAN STERILIZE INSTRUMENTS WHICH HAVE DIFFUSION RESTRICTED SPACES, SUCH AS HINGED PORTIONS OF FORCEPS AND SCISSORS. ADHERE TO THE STERILIZATION INSTRUCTIONS PROVIDED BY THE MANUFACTURER. (ADVANCED STERILIZATION PRODUCTS A JOHNSON & JOHNSON COMPANY).

FLASH AUTOCLAVING (FAST HEATING/COOLING CYCLE) FLASH STERILIZATION: MINIMUM EXPOSURE TIME 4 MINUTES AT 132°C. AVERAGE DRYING TIME 8 TO 15 MINUTES.

IMPORTANT! FLASH AUTOCLAVING WILL REDUCE THE USEFUL LIFE OF THE INSTRUMENT PARTICULARLY WHEN IT IS CONSTRUCTED OF VARIOUS MATERIALS, ENCOMPASSING DIFFERENT EXPANSION RATES.

CHEMICLAVING—SOAKING: *NOT RECOMMENDED*

THIS IS THE MOST DESTRUCTIVE METHOD TO THE INSULATING AND SILICONE MATERIALS OF ELECTROSURGICAL ACCESSORIES AND CAN CAUSE RAPID DETERIORATION AND FAILURE.

***3 IMPORTANT:** ADHERE TO PROPER DRYING CYCLE TO MAKE SURE THAT INSTRUMENTS ARE COMPLETELY DRY ON THE INSIDE (SAME APPLIES FOR CABLES). MOISTURE WILL PREVENT PROPER ELECTROSURGICAL CONDUCTIVITY.

REPLACEMENT PARTS FOR 3-PIECE DETACHABLE NEEDLE HOLDER

TC INSERTS	33CM	45CM
TC STRAIGHT	52505-60	52515-60
TC CVD LEFT	52505-62	52515-62
TC CVD RIGHT	52505-63	52515-63
SELF RIGHTING	52505-64	52515-64
STAINLESS STEEL SHAFT	52505-60-02	52515-60-02
SHAFT SCREWCAP	52555-44	
STRAIGHT AXIAL HANDLE	52555-40-13	

WARRANTY:

- ALL ELMED INSTRUMENTS ARE WARRANTED AGAINST DEFECTS IN MATERIAL & WORKMANSHIP FOR 1 YEAR. ROUTINE RESHARPENING, REINSULATING, AND ADJUSTMENTS AS WELL AS REPAIR OF DAMAGED INSTRUMENTS IS AVAILABLE FOR A MODEST CHARGE.
- ANY SERVICING OF ELMED INSTRUMENTS PERFORMED BY ANY SOURCE OTHER THAN ELMED, INC. **VOIDS** THIS WARRANTY.
- ELMED, INC., AS A MANUFACTURER AND SELLER OF THE PRODUCT, ACCEPTS NO LIABILITY FOR INDIRECT DAMAGE OR SUBSEQUENT DAMAGES THAT RESULT BY IMPROPER USAGE, IMPROPER HANDLING OR THROUGH IMPROPER PREPARATION, STERILIZATION OR MAINTENANCE.
- INSTRUMENTS ARE ONLY TO BE USED AS DESIGNATED IN THEIR SPECIALIZED MEDICAL FIELDS BY THE RESPECTIVE TRAINED AND QUALIFIED PERSONNEL. THEY ARE NOT INTENDED TO BE USED ON THE CENTRAL CIRCULATORY OR CENTRAL NERVOUS SYSTEM.

WE DESIGN, MANUFACTURE, & SELL THE TOOLS THE SURGEONS USE

ELMED INC.
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WE SUBSCRIBE TO COST
CONTAINMENT AND
PROTECTION OF THE
ENVIRONMENT



MADE IN THE USA

THEREFORE, WE
MANUFACTURE
REUSABLE PRODUCTS
FOR A CLEANER
WORLD

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