

3202 XP AK Valve

Instructions for use

VALVE INFORMATION

Part Number:	3202 (XP AK Valve)
Expulsion Method:	Manual Push
Fabrication:	Lamination, Thermoplastic
Material:	Aluminum Housing, Plastic Valve Body
Weight:	24g
Warranty:	1 year



Installation into Laminated Sockets:

1. Determine valve location on cast model and flatten area to ensure dummy sits flush.
2. Place separation layer and first PVA bag over cast model. Use indelible marker in center of dummy hole to mark location. Reinforce area of PVA bag to prevent tearing. Use screw provided. After dummy is screwed into cast **OVER** the PVA bag, press self-adhesive foam disc over screw.
3. Place reinforcing layers and second PVA bag over dummy. After mixing resin, place under vacuum to remove trapped air. Pour resin.
4. Allow socket to cool. Using a disc sander, expose enough area to remove self-adhesive disc and screw. Continue to sand until RED dummy face is **SLIGHTLY SCUFFED** and socket material is flush with the dummy face. **DO NOT OVERSAND.**
5. **BEFORE** the valve housing is inserted through inner socket and frame, ensure the factory installed black rubber "o" ring is seated in the groove of the housing. Place aluminum nut over valve housing and **FIRMLY HAND TIGHTEN.**
6. Insert valve and turn clockwise. **GENTLY HAND TIGHTEN.** The valve has an automatic stop point. Do not attempt to turn valve after that stop point has been reached. NOTE: First turn the valve counter clockwise and then clockwise to ensure that threads are properly engaged.

Installation into Thermoplastic Sockets:

1. Determine valve location on cast model and flatten area to ensure dummy sits flush. Use indelible marker in center of dummy hole to mark cast.
2. Drill 1/8" pilot hole for dummy holding screw and drill vacuum hole adjacent (1/2") to the pilot hole using a long drill. Vacuum hole should extend to the bottom of the cast model.
3. Mount dummy with small air holes in a vertical position over the pilot and vacuum holes. Use the screw provided. After dummy is in place, press self-adhesive disc over screw.
4. Blister or drape mold thermoplastic socket. Guide plastic around dummy to ensure proper molding.
5. Allow socket to cool. Using a disc sander, expose enough area to remove self-adhesive disc and screw. Continue to sand until RED dummy face is **SLIGHTLY SCUFFED** and socket material is flush with the dummy face. **DO NOT OVERSAND.**
6. Blow socket off cast model. NOTE: If you are planning to use the flex connect system, **DO NOT REMOVE** the socket from the cast at this time. See Flex Connect instructions.
7. **BEFORE** the valve housing is inserted through inner socket and frame, ensure the factory installed black rubber "o" ring is seated in the groove of the housing. Place aluminum nut over valve housing and **FIRMLY HAND TIGHTEN.**
8. Insert valve and turn clockwise. **GENTLY HAND TIGHTEN.** The valve has an automatic stop point. Do not attempt to turn valve after that stop point has been reached. NOTE: First turn the valve counter clockwise and then clockwise to ensure that threads are properly engaged.

Cleaning:

1. Screw valve into housing
2. Fill inside the socket area where the valve housing is to submerge the valve.
3. Ensure valve push button is downward so water will come out as the button is pushed.
4. Repeat as needed, then wipe dry the inner part of the socket, and let valve dry over-night.

- Avoid exposing the 3202 to aggregates such as sand. Upon exposure to aggregates, immediately disassemble valve and thoroughly rinse out aggregate with water. The abrasive properties of aggregates will quickly wear the components of the valve.
- It is the prosthetist responsibility to properly select the proper valve for their patient.
- Discontinue use and consult your prosthetist if any part of the prosthesis starts to make noise, or has reduced performance. This may be a sign of abnormal wear, or possible failure.
- Inform your prosthetist if you lose or gain a significant amount of weight. Voids in socket can cause possible skin irritation conditions.
- Use by another user for whom it was not originally manufactured may cause injury and shall void any written or implied warranty.

STORAGE / ENVIRONMENT

Operating & Storage Temperature Range: -10°C to 50°C (14°F to 122°F)

Allowable relative humidity 0 % to 90 %, non-condensing

Do not submerge in water

Store away from UV exposure



LIABILITY

The manufacturer recommends using the device only under the specified conditions and for the intended purposes. The device must be maintained according to the instructions for use. The manufacturer is not liable for damage caused by component combinations that were not authorized by the manufacturer.

Do not use Loctite or over torque the valve into the housing, and be sure that the valve is proper aligned before twisting it into the housing to seat it, a misalignment can damage the valve body and result in a non-sealing situation which can result in loss of suction suspension and possible bodily injury. Be sure to instruct you patient on proper usage, and to avoid using prosthesis should a damaged valve body arise.

Warranty

The 3202 XP AK Valve has a 1-year warranty period against manufacturing or material defects. Does not include excessive wear and tear.



CE Conformity

This product meets the requirements Council EU 2017/745 (MDR) for medical products. This product has been classified as a class I product according to the classification criteria outlined in appendix IX of the guidelines. Please keep this manual in safe place for future use.

Warranty covers defects in workmanship for the given warranty period. Signs of abuse, lack of biannual inspection, improper installation are examples of areas not covered by warranty.

Useful Life

Service life of the product is covered by the warranty period. Not to be used on another wearer other than original intended wearer.



Disposal

The device and its packaging must be disposed of in accordance with respective national/local environmental regulations.

Do not expose to sand, talcum powder, or high PH environments

Warranty can be void due to: Unusual usage or abuse (ex. excessive dusty/sand environmental, swimming, non-typical usage), Tampering with any fasteners, Modification to the module such as sanding or damaging the finish.

* Specifications subject to change

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