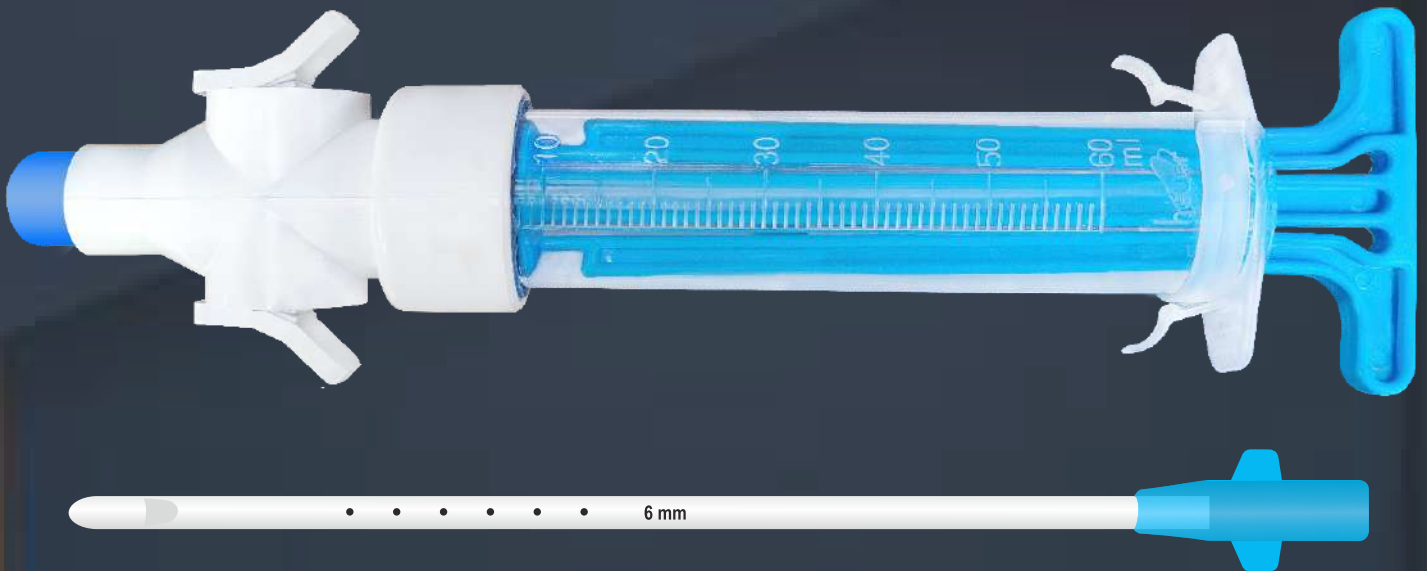


Manual Vacuum Aspirator Kit (MVA Kit) [Click Here](#)



Model No. : MVA8K
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G S T Corporation Ltd. India

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Elevating Health and Wellness

Intended Use

- Karman Cannula Manual Vacuum Aspirators double valve, are used for suction curettage.
- To apply suction to the uterin cavity.
- Used for endometrial biopsy.
- Used for treatment of abnormal uterine bleeding.
- Used for treatment of incomplete abortion.
- Used for treatment of miscarriage.
- Used for treatment of an unsuccessful medical abortion.
- Used for treatment of a missed miscarriage.
- Used for termination of a molar pregnancy.
- Used for management of chronic Endometritis.

Components of The Product

- Heuer brand Karman Cannula Manual Vacuum Aspirator consists of :
- Extra Gasket.
- Extra Collar Stop.
- 5 ml/cc Silicone oil.
- 60 ml/cc Barrel.
- Injector.
- Valves.

Product Features for MVA

- Includes extra Gasket, extra collar stop and 5 ml/cc silicone oil.
- Stable vacuum: each product's vacuum is individually tested.
- Portable.
- 60 ml/cc barrel capable of producing a vacuum of 600 - 650 mm/Hg.
- Safe and effective.
- Low cost.
- Appropriate for many different clinical settings.
- High patient and provider satisfaction.
- Outpatient Procedure.
- Products of Conception (POC) easily visible.
- Single use device.
- Our Karman Cannula Manual Vacuum Aspirator Double Valve Procedure Pack includes sterile Karman Cannula sizes 4, 5, 6, 7, 8, 9, 10 and 12.
- Stable pressure level, each product is pressure controlled individually.

Product Features for Karman Cannulas

- Total length is 22 cm.
- Smooth catheter surface.
- Hemispherical Tip.
- Individually packed in peelable pouch pack.
- 4-12 mm diameter options. (Excluding 11mm diameter).
- Matching color codes for easy pairing (when necessary)

Color Code



Product Code / Diameter Chart

Size	4 mm	5 mm	6 mm	7 mm	8 mm	9 mm	10 mm	12 mm
Code	KC4	KC5	KC6	KC7	KC8	KC9	KC10	KC12



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Sterilization

- Karman Cannula is sterilized with Ethylene oxide.
- Validated for ISO 11135 standard.

Shelf Life

- 5 years.

Biocompatibility

- Selection of tests for Karman Cannula Injector and Karman Cannulas.
- Cytotoxicity of eluates according to the DIN EN ISO 10993-5,
- Ethylene oxide sterilization residuals tests according to EN ISO 10993-7.
- Tests for irritation and sensitization according DIN EN ISO 10993-10.
- Latex and Phthalate free.

Heuer Manual Aspiration Kit Double Valve Procedure Pack

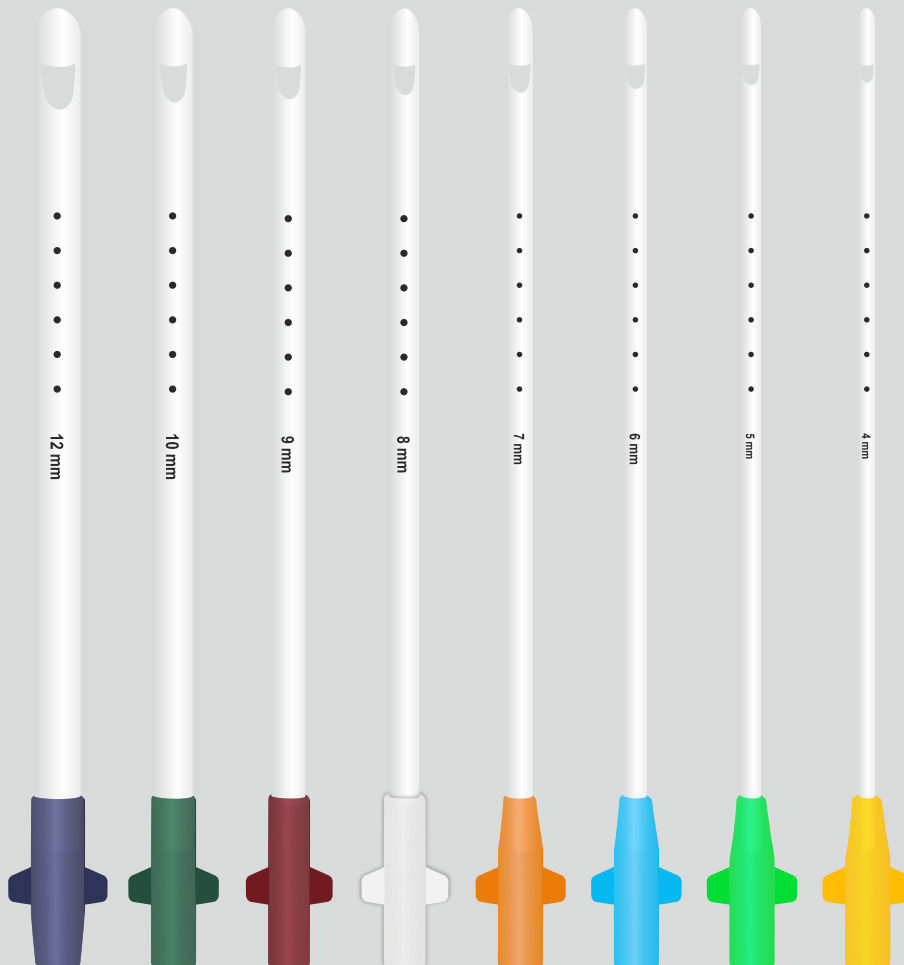
- One piece of double valved Karman Cannula Injector.
- Total 8 nos. Karman Cannula size 4 to 12 mm diameter (excluding 11 mm diameter).
- 5 ml/cc silicone oil in a plastic bottle.
- One spare Collar Stop.
- One spare Gasket.

Heuer Manual Aspiration Kit Packing detail

- 24 units Manual Vacuum Aspiration Kit in a Master Carton.
- Box dimension : 30 x 12.8 x 9.5 cm.
- Master Caron dimension : 81 x 44 x 34 cm.



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Instructions Manual To Use Heuer Manual Vacuum Aspirator Kit (MVA Kit)

Preparing the Aspirator Syringe :

1. Push the plunger completely inside the barrel.
2. Make sure Plunger stopper at bottom of barrel is locked.
3. Push the vacuum Valve buttons down & forward, until you feel them locked.
(Refer Image 1 & 2)
4. Create the negative pressure (vacuum) by pulling the plunger back till the plunger's tapered arms are locked on the cylindrical barrel base. (Refer Image 3)
5. Keep the appropriate size of Karman cannula handy as per the pregnancy duration.
6. Insert the Karman cannula at the top (valve) and perform procedure.
(Refer Image 5)

Clean & Disassemble Instruments :

1. Clean all instrument surface thoroughly in warm water and preferably detergent, not soap.
2. Remove the barrel (cylinder) from the top valve & then remove the silicone inner from inside the top valve.
3. Remove the bottom plunger stopper first & then remove the plunger out of the barrel.
4. Remove the plunger's O ring from plunger by squeezing its sides & using the groove cut in the plunger.

Caution : Do not use any pointed or Sharp objects to clean the valve parts or to move the O ring. This could cause damage and prevent the aspirator from maintaining the vacuum.

Sterilization & Storage : Re-sterilize the MVA aspirator syringe only before reuse to avoid any contaminations. Karman Cannula are disposable, not to be reused.

Storage : All parts of aspirator must be dried, O-ring lubricated and device reassembled and store in a clean, dry area until use.

Warning : Heuer Karman Cannula are disposable (single use). They should not be re-used and must be discarded after each use, Only aspirator can be autoclaved/sterilized and reused.



Click here to see the
Aspiration techniques



Image 1

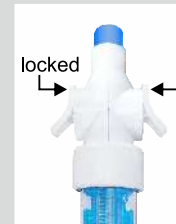


Image 2



Image 3

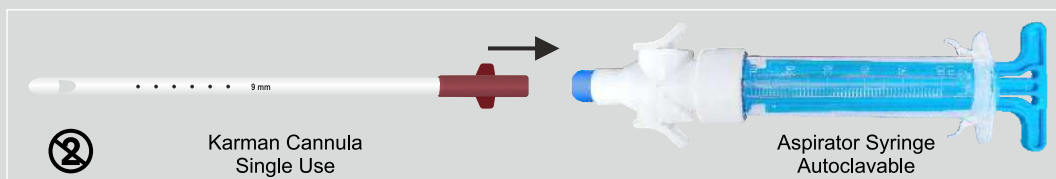


Image 5

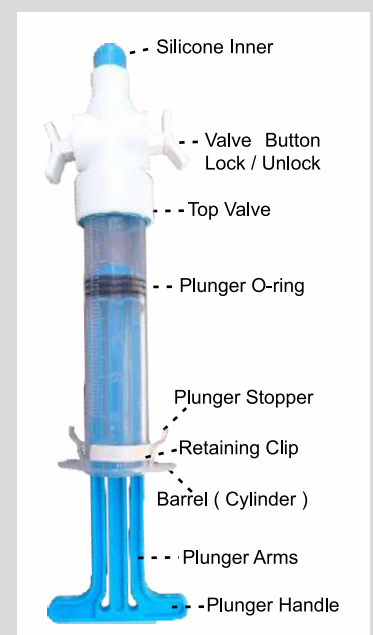


Image 4

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General Information for Manual Vacuum Aspiration Procedure

Disclaimer : these are the general guidelines for reference only . Procedure to be perform by Medical Practitioner only, as per their standard Medical protocol / guidelines.

Step 1 : Prepare the Patient

- Administer pain medication to have minimum pain during the procedure.
- Give prophylactic antibiotics to the patient, and therapeutic antibiotics if indicated.
- Ask the patient to empty her bladder.
- Conduct a bimanual exam to confirm uterine size and position.
- Insert speculum and observe for signs of infection, bleeding or incomplete abortion.

Step 2 : Cervix Antiseptic Prep of patient

- Use antiseptic-soaked sponge to clean cervix OS (Ostium). Start at OS and spiral outward without retracing areas. Continue until OS has been completely covered by antiseptic.

Step 3 : Perform Paracervical Block

- Paracervical block is recommended when mechanical dilatation is required with MVA.
- Administer paracervical block and place tenaculum.
- Use lowest anesthetic dose possible to avoid toxicity.

Step 4 : Cervix Dilation

- Observe no-touch technique when dilating the cervix and during aspiration. Instruments that enter the uterine cavity should not touch your gloved hands, the patient's skin, the patient's vaginal walls, or unsterile parts of the instrument tray before entering the cervix.
- Use mechanical dilators or progressively larger cannula to gently dilate the cervix to the right size

Step 5 : Karman Cannula Insertion

- While applying traction to tenaculum, insert cannula through the cervix, just past the OS and into the uterine cavity until it touches the fundus and then withdraw it slightly.
- Do not insert the cannula forcefully.

Step 6 : Aspiration

- Attach the prepared aspirator (vacuum created & locked) to the Karman cannula, if the cannula and aspirator were not previously attached.
- Once correctly positioned, release the vacuum, by pressing the buttons to unlock position creating Aspiration.
- Remove the Aspirator from Karman Cannula & Evacuate the contents of the uterus.
- Repeat the Aspiration if required.

Verify uterus is empty

- Red or pink foam without tissue is seen passing through the cannula.
- A gritty sensation is felt as the cannula passes over the surface of the evacuated uterus.
- The uterus contracts around or grips the cannula.
- The patient complains of cramping or pain, indicating that the uterus is contracting.

Step 7 : Perform Tissue Inspection

- Empty the contents of the aspirator into a container.
- Strain material, float in water or vinegar and view with a light from beneath.
- Inspect tissue for products of conception, complete evacuation and molar pregnancy.
- If inspection is inconclusive, repeat aspiration & / or evaluate other options.

Step 8 : Perform Any Concurrent Procedures

- When procedure is complete, proceed with contraception or other procedures, such as IUD insertion or cervical tear repair etc.

Step 9 : Dispose / Re-sterile Instruments

- Immediately process or discard all instruments, according to local protocols/guidelines.
- Re-sterile aspiration syringe before reuse.
- Karman cannula is to be disposed off, not to be reused.



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of consistent evolution and growth

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Heuer International

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Exported by :

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