

ENDOSCOPIC INTRA-PROCEDURAL AQUA EXPELLER (EIAE)



Innovator & Presenter

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NEED FOR INNOVATION



- During all endoscopy procedures, the water needs to be flushed for clearer and better vision of interiors
- This is usually done manually using Syringe & a dedicated person is required to do the same
- The conventional practice requires additional manpower & is time consuming
- EIAE is a revolutionary invention which has simplified the process of using water during the procedures.
- Above challenges have been overcome with the invention of “ Endoscopic Intra-procedural Aqua Expeller (EIAE) ”.

DESIGN & MAKING



Assembly of EIAE



Water Tank



Motor Part



Foot Paddle

WORKING PRINCIPLE & TOTAL MAKING COST

Water jet technology is used in this invention which is based on a conventional, pressure-driven continuous jet technique. Using EIAE, the technician or doctor can operate it single handedly with the use of a foot paddle.

1. MOTOR
2. WATER TANK
3. POWER CORD
4. FOOT PADDLE CORD
5. FOOT PADDLE
6. BOX
7. POWER CONTROL ADAPTER

Rs. 2000/-

ADVANTAGES



- Maintains a clear endoscopic view.
- Procedure can be performed single handedly.
- Does not harm the small vessels or cause mechanical or thermal damage.
- Useful for reducing time for the procedure.
- Avoids discomfort during examination.
- Helps with finding small lesions.
- Cost effective.
- Easy to operate.

UNIQUE FEATURES



- Proudly **Made in India**.
- User friendly
- Compatible with older as well as newer generation endoscopes.
- Affordable in comparison to its peers available in market
- Low maintenance.
- Less manpower required.
- Compact Design (Portable & light)
- Low Risk
- Easy to clean

FEEDBACK FROM DOCTORS

Very Good pump
Works well enough
as good as one of the leading
companies.
Nutan Desai

Dr. Nutan Desai
D.M Gastroenterology

Water jet pump available at Fortis Hospital.
Endoscopy works extremely well and helps
clear vision during endoscopy and makes
the procedure fast and simple
It deserves a 5 star rating from me
Nimish Shah

Dr. Nimish Shah
DNB Gastroenterology

Excellent Novel design;
useful for all the endoscopic procedure
& most importantly it saves time.
Dhiren Pipalia

Dr. Dhiren Pipalia
D.M Gastroenterology

The flushing pump machine used
for endoscopic procedures
is flawless & works efficiently
for all diagnostic & therapeutic
endoscopic procedures
Rajdeep More

Dr. Rajdeep More
DNB Gastroenterology

Excellent Water pump,
Makes therapeutic procedures and
Colonoscopy with suboptimal preparations
very easy.
Totally recommend it!
S Bhandari

Dr. S Bhandari
M.S General Surgery
Fellowship of
endoscopy, South Korea
Interventional
Gastroenterologist

THANK YOU