

andorate

Precision Engineered for Seamless Integration

Endoscope Valves and Tubing

Designed to Support
Everyday Endoscopy Workflows

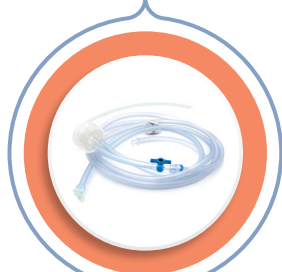


Andorate Integrated System for Reliable Workflow



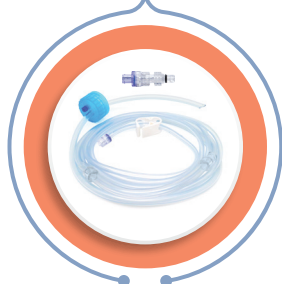
Suction, Air/Water and Biopsy Valve

Serving as the **key control points** of the endoscope, these valves regulate suction, air, and water flow while **providing access** for instruments. Designed for precise, responsive fingertip operation, they enable **consistent control** throughout procedures.



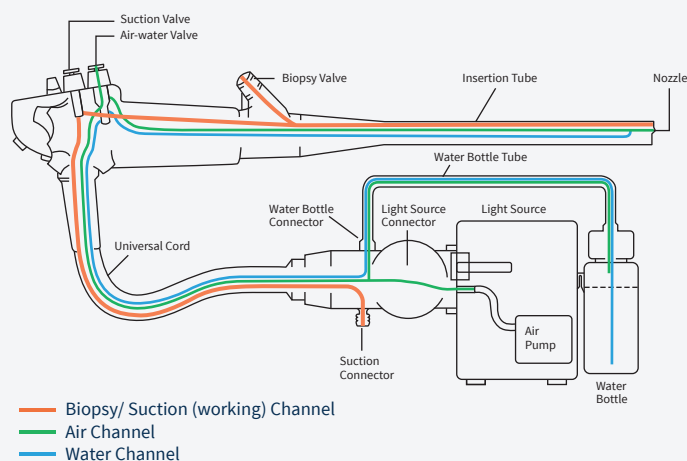
Air/Water Tubing

Delivers a **steady flow** of air and water through the endoscope to cleanse the lens and insufflate the lumen. This helps the clinical team maintain a **clear field** of view throughout the procedure.



Irrigation Tubing

Ensures **directed fluid** flow through the endoscope to flush the mucosa and remove blood, mucus, or debris. This supports staff in **maintaining optimal visibility** and procedural continuity.



Valves and tubing function together as a **closed, integrated suction, air, and water system** for GI endoscopy. Reliable connections minimise handling, streamline workflows, and **promote consistency** and **infection prevention** for clinical teams.

What Reliable Connections Mean for Endoscopy Units



Ready-to-Use Setup

Integrated valves and tubing **reduce handling steps** during preparation, **saving time for busy teams** and supporting compliance with **infection-prevention standards**.



Smooth Operation

Designed to minimise risks of valve jamming, sticking, or tubing leaks and bursts, **supporting reliable use** throughout procedures.



Built-in Protection

Backflow-prevention features provide an **extra safeguard** for the auxiliary water system, reducing cross-contamination risk.



Lubricant-Free Design

Valves are **lubricant free**, helping staff avoid slippery gloves, eliminates the need for wiping and re-handling, and reduces small interruptions during procedures.

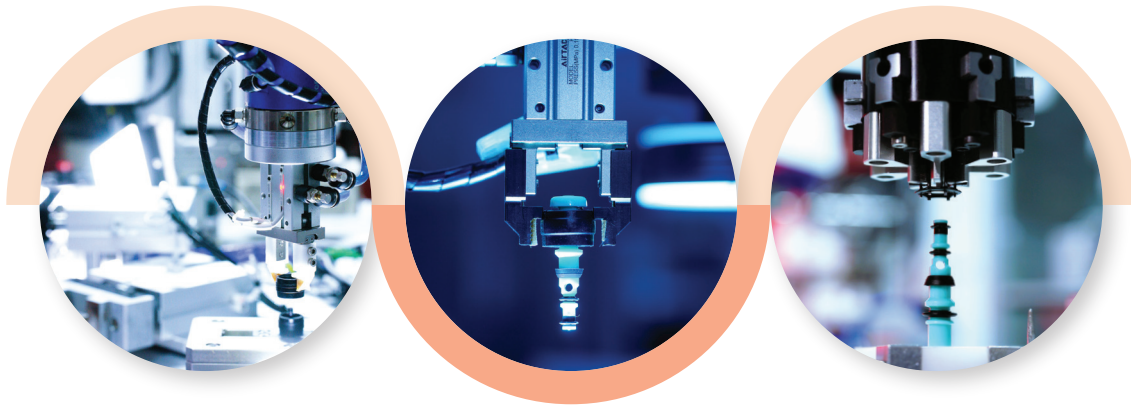


Organised Setup

Supporting accessories such as bottle holders keep tubing neat and **reduce clutter** around the endoscopy tower.

Andorate Engineered for Seamless Integration

Focuses on Quality and Process



Automated
Assembly



Pressure-Resistant
Materials



AI-Powered
Quality Control

Key Elements of Valve Design

►► Reliability in Use

Even minor differences in components, such as springs or seals, can result in sticking or leakage. **Precision manufacturing** ensures valves **perform consistently** throughout procedures, minimising these risks and supporting reliable operation.

►► Specialised Materials Chosen for Reliable Strength

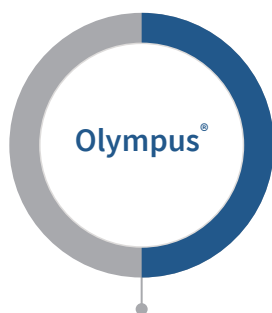
Reusable valves are typically made with metal components, while single-use designs utilise advanced engineered materials. Achieving **comparable strength** and **durability** in these components demands **careful design** and **precision manufacturing**.

►► Balance of Strength and Control

Precision engineering ensures valves are neither too tight, which could cause sticking, nor too loose, which could lead to leakage. This balance supports **smooth and consistent operation**.

Validated Compatibility

Andorate Endoscope Control Valves and Cleaning Adapters



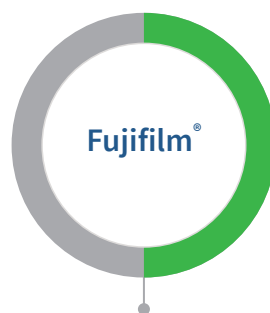
Extended compatibility with new Olympus **1100, 1200** and **1500** GI endoscope

Core Set pcs
(2,3,4 pcs)

Biopsy, suction, A/W valves, irrigation connector

Plus Set
(5,6 pcs)

Adds A/W & biopsy port cleaning adapters



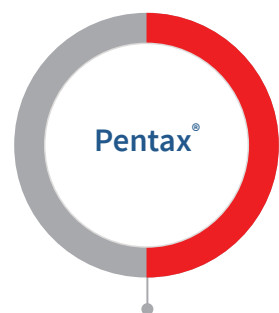
Compatible with Fujifilm **700** GI endoscope

Core Set pcs
(2,3,4 pcs)

Biopsy, suction, A/W valves, irrigation connector

Plus Set
(5,6 pcs)

Adds A/W & biopsy port cleaning adapters



Compatible with Pentax **90i, i10** GI endoscope

Core Set pcs
(2,3,4 pcs)

Biopsy, suction, A/W valves, irrigation connector

See page 10 for the full configuration



Andorate Specialty Valves for Stability and Control

Specifically engineered for bronchoscopes, featuring enhanced stability and precise suction control.

» Unique Gradual Suction Control

A **progressive suction mechanism** enables activation from the initial press to full suction, ensuring **smoother and more precise adjustment** of suction flow.

» Reinforced Suction Tube Connection

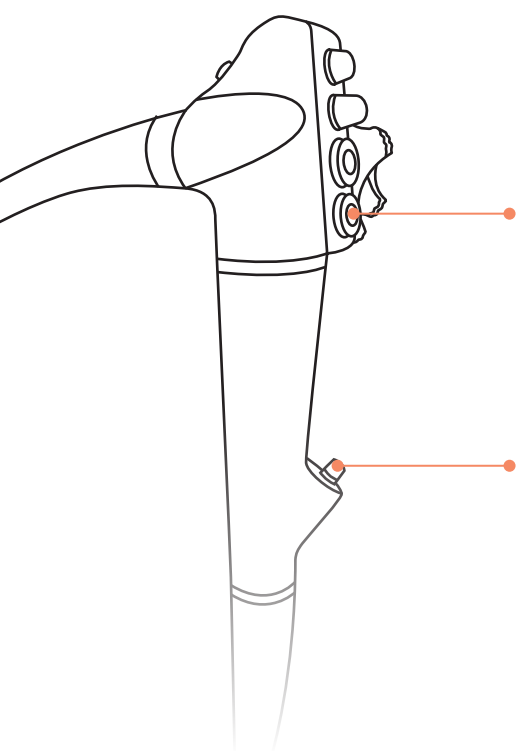
Enhanced side supports at the suction tube connection point improve **stability** and **reduce the risk of loosening or detachment** during handling and reprocessing.

» Balanced Biopsy Valve Design

Soft-seal biopsy valves facilitate the **smooth passage** of delicate bronchoscopic instruments while **maintaining the strength needed** for reliable suction throughout procedures.



Supporting Standardised Bedside Cleaning



Air/Water Cleaning Adapter

- Air channel
- Water channel



Biopsy Port Cleaning Adapter

- Suction channel
- Biopsy port channel



Dedicated for Channels

Designed to flush **biopsy ports** and **air/water channels** immediately after use.



Supports Effective Reprocessing

Bedside cleaning **prevents residue** and **prepares scopes** for further reprocessing.



Integrated with Workflow

Starts the **reprocessing cycle**, from cleaning to disinfection and storage.



Easy to Identify

Features a distinct tag to differentiate from procedure valves.

Andorate Integrated Air/Water System for Everyday Endoscopy

For Air/Water Channel



**Air/Water
Bottle Tubing**
GAR025



**Air/Water Bottle Tubing
with CO2 Extend**
GAR025CO2EXT



**Stainless Steel
Bottle Holder**
502003

For CO₂ Supply Setup



CO₂ Source Tubing Adapter
GAR093



**CO₂ Source Tubing with
Luer Connector**
GAR047

For Irrigation Channel



**Auxiliary Water
Connector**
GAR027



Irrigation Tubing
GAR073



Irrigation Tubing
GAR083



**Stainless Steel
Bottle Holder**
502003

* Compatible with Olympus GI Endoscopes

Reusable

For single-patient use

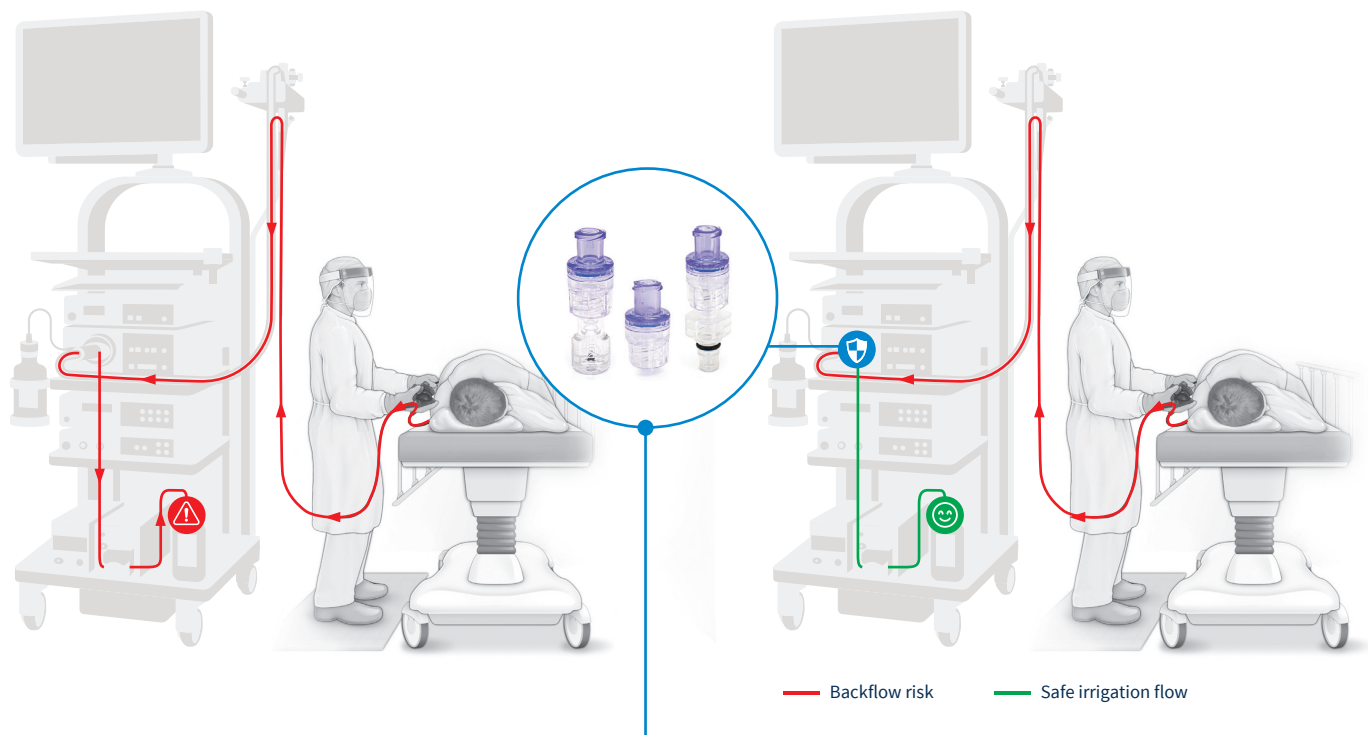
For 24-hour use

Preventing Backflow: A Critical Step in Infection Control

Backflow of blood, mucus, or fluid through the irrigation line has been repeatedly reported in FDA safety alerts over the years.

Without Irrigation Connector

With Irrigation Connector



➤ Andorate's single-use backflow valve creates a **reliable one-way barrier**, **preventing contamination** of the water system.

➤ This **added layer of protection** helps minimise cross-contamination risks and supports **safer workflows** for endoscopy teams.

Ensure Optimal Infection Protection

- ✓ *Use a new one-way valve for every patient.*
- ✓ *Discard after each use to ensure compliance with infection control standards.*

Better Organisation Less Strain



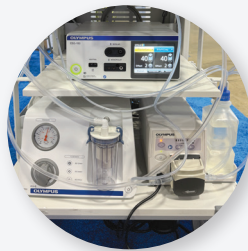
Efficiency, Visibility, Staff Safety

- » **Organised Setup**
Keeps tubing tidy and minimises clutter around the endoscope tower, creating a more efficient workspace.
- » **Universal Compatibility**
Fits water bottles of various brands and volumes, securely stabilising them on the endoscope tower during procedures.
- » **Clear Water Levels**
Water levels are visible at a glance—no lifting required, improving workflow and reducing effort.
- » **Reduced Strain**
Minimises repetitive lifting, helping to safeguard staff well-being and reduce physical strain.

Without Andorate Bottle Holder



Cluttered
tubing,
reduced
efficiency &
safety.



With Andorate Bottle Holder



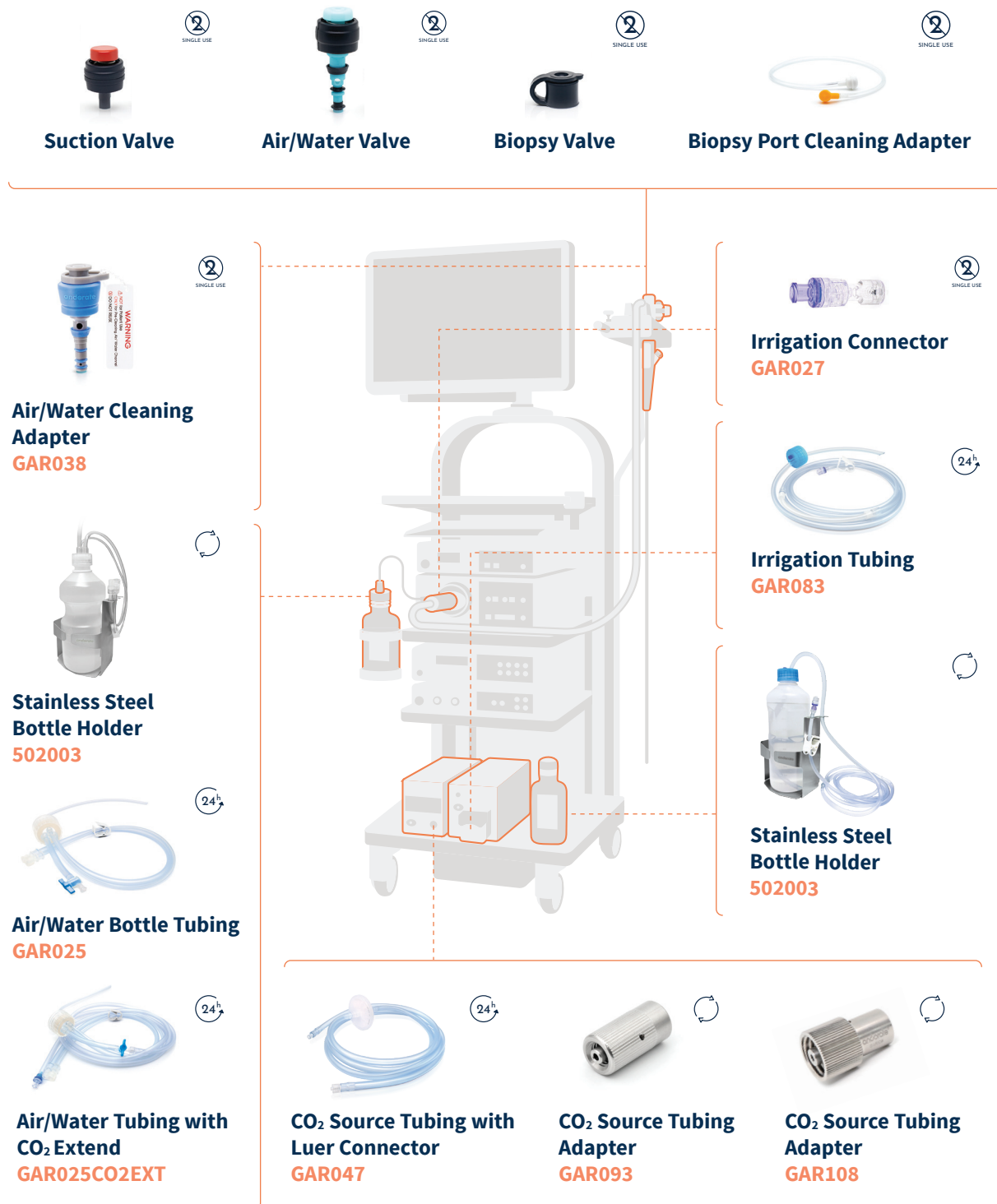
Tidy, efficient
workspace with secure
water bottle placement



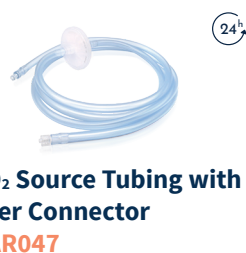
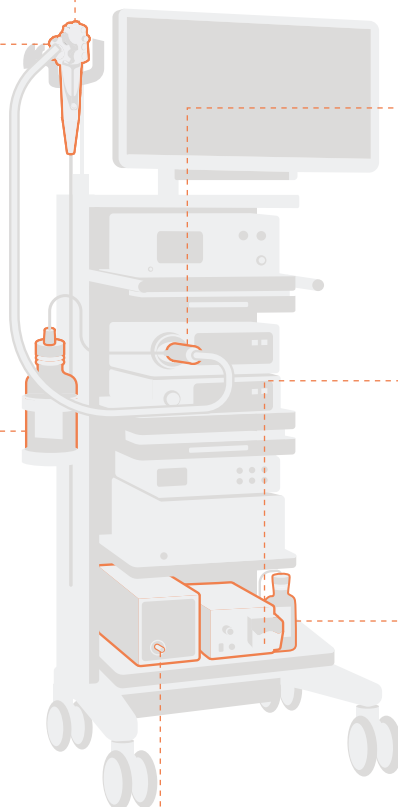
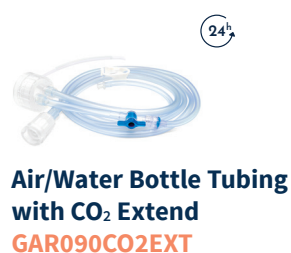
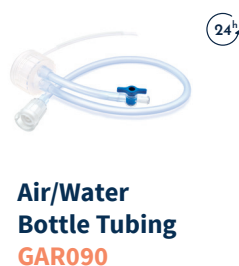
Small Design, Big Impact

✓ Transform your workspace into a tidy, secure, and efficient environment.

Andorate Seamless Compatibility with Olympus GI Endoscopes



Andorate Seamless Compatibility with Fujifilm GI Endoscopes



Andorate Seamless Compatibility with Pentax GI Endoscopes



Suction Valve



Air/Water Valve



Biopsy Valve



Stainless Steel Bottle Holder
502003



Air/Water Bottle Tubing
GAR072



Air/Water Bottle Tubing with CO₂ Extend
GAR072CO2EXT



Irrigation Connector
GAR048



Irrigation Tubing
GAR083



Stainless Steel Bottle Holder
502003



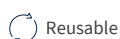
CO₂ Source Tubing with Luer Connector
GAR047



CO₂ Source Tubing Adapter
GAR093



CO₂ Source Tubing Adapter
GAR108



Reusable



For single-patient use



For 24-hour use

See page 15 for the ordering information



Ordering Information



Standard Valve Set

GAR004

Compatible with Olympus®
140/160/180/190/240/260/290
Series GI Endoscopes

Per box: 50 units
253 x 215 x 205 mm | 1.49 kg
Per carton: 200 units
535 x 455 x 235 mm | 5.94 kg



**Standard Valve Set
with Irrigation Connector**

GAR046

Compatible with Olympus®
160/180/190/240/260/290 Series
GI Endoscopes

Per box: 50 units
315 x 235 x 235 mm | 1.78 kg
Per carton: 200 units
490 x 490 x 345 mm | 7.12 kg



**Standard Valve Set
with Cleaning Adapter**

GAR3804

Compatible with Olympus®
140/160/180/190/240/260/290
Series GI Endoscopes

Per box: 10 units
245 x 175 x 160 mm | 0.70 kg
Per carton: 200 units
510 x 370 x 190 mm | 2.78 kg



**Standard Valve Set with
Irrigation Connector &
Cleaning Adapter**

GAR3846

Compatible with Olympus®
160/180/190/240/260/290 Series
GI Endoscopes

Per box: 10 units
245 x 175 x 160 mm | 0.73 kg
Per carton: 200 units
510 x 370 x 190 mm | 2.97 kg



**Combo
Standard Valve Set**

GAR387546

Compatible with Olympus®
160/180/190/240/260/290
Series GI Endoscopes

Per box: 10 units
245 x 175 x 160 mm | 0.90 kg
Per carton: 40 units
510 x 370 x 190 mm | 3.60 kg



**Air/Water Channel
Cleaning Adapter**

GAR038

Compatible with Olympus®
140/160/180/190/240/260/290
Series GI Endoscopes

Per box: 100 units
245 x 175 x 160 mm | 1.41 kg
Per carton: 400 units
510 x 370 x 190 mm | 5.64 kg



**Air/Water Channel
Cleaning Adapter, Biopsy Port
Cleaning Adapter**

GAR3875-NS

Compatible with Olympus®
140/160/180/190/240/260/290
Series GI Endoscopes

Per box: 50 units
245 x 175 x 220 mm | 2.07 kg
Per carton: 300 units
555 x 515 x 255 mm | 12.41 kg

● Compatible with Olympus endoscopes

For single-patient use

Ordering Information



Standard Valve Set

GAR087

Compatible with Fujifilm®
700 Series GI Endoscope

Per box: 50 units
315 x 235 x 235 mm | 1.67 kg
Per carton: 200 units
490 x 490 x 345 mm | 6.69 kg



**Standard Valve Set
with Irrigation Connector**

GAR092

Compatible with Fujifilm®
700 Series GI Endoscope

Per box: 50 units
315 x 235 x 235 mm | 1.73 kg
Per carton: 200 units
490 x 490 x 345 mm | 6.92 kg



**Standard Valve Set with
Irrigation Connector &
Cleaning Adapter**

GAR105092

Compatible with Fujifilm®
700 Series GI Endoscope

Per box: 10 units
245 x 175 x 160 mm | 0.64 kg
Per carton: 200 units
510 x 370 x 190 mm | 2.57 kg



**Combo
Standard Valve Set**

GAR1057592

Compatible with Fujifilm®
700 Series GI Endoscope

Per box: 10 units
245 x 175 x 160 mm | 0.88 kg
Per carton: 40 units
510 x 370 x 190 mm | 3.50 kg



**Air/Water Channel
Cleaning Adapter**

GAR105

Compatible with Fujifilm®
700 series GI Endoscope

Per box: 100 units
245 x 175 x 160 mm | 1.10 kg
Per carton: 400 units
510 x 370 x 190 mm | 4.41 kg



**Air/Water Channel Cleaning
Adapter, Biopsy Port
Cleaning Adapter**

GAR10575-NS

Compatible with Fujifilm®
700 Series GI Endoscope

Per box: 50 units
245 x 175 x 220 mm | 2.25 kg
Per carton: 300 units
555 x 515 x 255 mm | 14.85 kg

● Compatible with Fujifilm endoscopes

② For single-patient use

Ordering Information



Standard Valve Set

GAR037

Compatible with Pentax®
90/i10/i10c Series
GI Endoscope

Per box: 50 units
380 x 300 x 150 mm | 1.66 kg
Per carton: 200 units
490 x 490 x 345 mm | 6.62 kg



**Standard Valve Set
with Irrigation Connector**

GAR081

Compatible with Pentax®
90/i10/i10c Series
GI Endoscope

Per box: 50 units
315 x 235 x 235 mm | 1.73 kg
Per carton: 200 units
490 x 490 x 345 mm | 6.92 kg

● Compatible with Pentax endoscopes

② For single-patient use

Ordering Information



**Air/Water
Bottle Tubing**

GAR025

Compatible with Olympus
140/160/180/190/240/260/290/1100/
1200/1500 Series GI Endoscopes

Per box: 20 units
380 x 300 x 150 mm | 2.00 kg
Per carton: 40 units
425 x 350 x 310 mm | 3.99 kg



**Air/Water Bottle Tubing
with CO₂ Extend**

GAR025CO2EXT

Compatible with Olympus
140/160/180/190/240/260/290/1100/
1200/1500 Series GI Endoscopes

Per box: 10 units
297 x 162 x 202 mm | 1.51 kg
Per carton: 40 units
425 x 350 x 310 mm | 6.20 kg



**Air/Water
Bottle Tubing**

GAR072

Compatible with Pentax
90 Series
GI Endoscopes

Per box: 20 units
380 x 300 x 150 mm | 2.00 kg
Per carton: 40 units
425 x 350 x 310 mm | 4.00 kg



**Air/Water Bottle Tubing
with CO₂ Extend**

GAR072CO2EXT

Compatible with Pentax
90 Series
GI Endoscopes

Per box: 10 units
297 x 162 x 202 mm | 1.32 kg
Per carton: 40 units
425 x 350 x 310 mm | 5.86 kg



**Air/Water
Bottle Tubing**

GAR088

Compatible with Fujifilm
500/600 Series
GI Endoscopes

Per box: 20 units
380 x 300 x 150 mm | 1.66 kg
Per carton: 40 units
425 x 350 x 310 mm | 3.70 kg



**Air/Water Bottle Tubing
with CO₂ Extend**

GAR088CO2EXT

Compatible with Fujifilm
500/600 Series
GI Endoscopes

Per box: 10 units
297 x 162 x 202 mm | 1.27 kg
Per carton: 40 units
425 x 350 x 310 mm | 5.66 kg



**Air/Water
Bottle Tubing**

GAR090

Compatible with Fujifilm
700 Series
GI Endoscopes

Per box: 20 units
380 x 300 x 150 mm | 1.96 kg
Per carton: 40 units
425 x 350 x 310 mm | 3.91 kg



**Air/Water Bottle Tubing
with CO₂ Extend**

GAR090CO2EXT

Compatible with Fujifilm
700 Series
GI Endoscopes

Per box: 10 units
297 x 162 x 202 mm | 1.39 kg
Per carton: 40 units
425 x 350 x 310 mm | 6.17 kg

● Compatible with Olympus endoscopes

● Compatible with Fujifilm endoscopes

● Compatible with Pentax endoscopes

For 24-hour use

Ordering Information

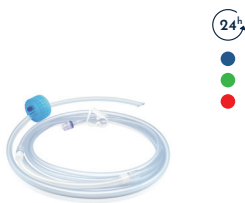


Irrigation Tubing

GAR073

Compatible with Olympus OFP and
Endo Stratus EGA-500
Irrigation Pump

Per box: 10 units
297 x 162 x 202 mm | 1.64 kg
Per carton: 40 units
425 x 350 x 310 mm | 6.56 kg



Irrigation Tubing

GAR083

Compatible with Olympus OFP-2,
Endo Stratus EGA-500, Endogator
EGP-100 and EIP 2 Irrigation Pump

Per box: 10 units
297 x 162 x 202 mm | 1.55 kg
Per carton: 40 units
425 x 350 x 310 mm | 6.20 kg



**Auxiliary
Water Connector**

GAR027

Compatible with Olympus
160/180/190/240/260/290 Series
GI Endoscopes

Per box: 100 units
297 x 162 x 202 mm | 0.52 kg
Per carton: 1,000 units
585 x 450 x 190 mm | 5.23 kg



**Auxiliary
Water Connector**

GAR064

Compatible with Fujifilm
500/600/700 Series
GI Endoscopes

Per box: 100 units
297 x 162 x 202 mm | 0.40 kg
Per carton: 1,000 units
585 x 450 x 190 mm | 4.40 kg



**Auxiliary
Water Connector**

GAR048

Compatible with Pentax
90/i10/i10c Series
GI Endoscopes

Per box: 100 units
380 x 300 x 150 mm | 0.55 kg
Per carton: 1,000 units
585 x 450 x 190 mm | 5.52 kg

● Compatible with Olympus endoscopes

● Compatible with Fujifilm endoscopes

● Compatible with Pentax endoscopes

For single-patient use

For 24-hour use

Ordering Information



CO₂ Source Tubing with Luer Connector

GAR047

Not Endoscope-specific

Per box: 10 units
315 x 235 x 235 mm | 2.04 kg
Per carton: 40 units
490 x 490 x 345 mm | 8.15 kg



CO₂ Source Tubing Adapter

GAR093

Compatible with Olympus
UCR CO₂ Insufflator

Per box: 5 units
160 x 120 x 30 mm | 0.23 kg
Per carton: 25 units
180 x 170 x 130 mm | 1.15 kg



CO₂ Source Tubing Adapter

GAR108

Compatible with
Fujifilm GW-100 Insufflator

Per box: 5 units
215 x 110 x 170 mm | 0.74 kg
Per carton: 1,000 units
585 x 450 x 215 mm | 7.60 kg



Stainless Steel Bottle Holder with Mounting Plate

502003

Compatible with Most of
the Water Bottles

Per box: 1 unit
135 x 103 x 158 mm | 0.40 kg
Per carton: 6 units
328 x 256 x 258 mm | 2.90 kg

● Compatible with Olympus endoscopes

● Compatible with Fujifilm endoscopes

● Compatible with Pentax endoscopes

♻️ Reusable

② For single-patient use

⌚ For 24-hour use

andorate



We are Global-Asia Health,
providing advanced solutions
for infection prevention in
endoscopy.

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