

andorate

Precision Engineered for Seamless Integration

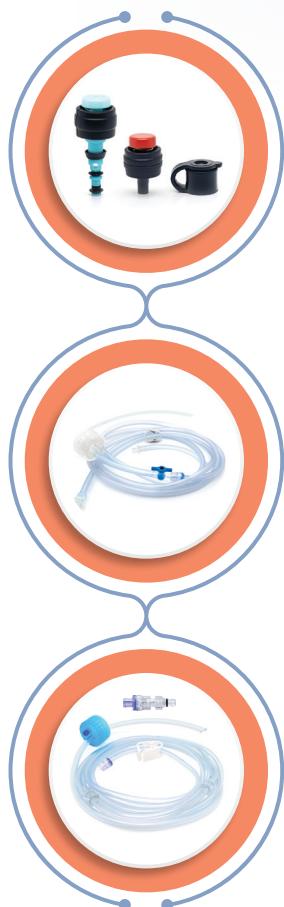
Endoscope Valves and Tubing

Designed to Support
Everyday Endoscopy Workflows



Andorate

Integrated System for Reliable Workflow



Suction, Air/Water and Biopsy Valve

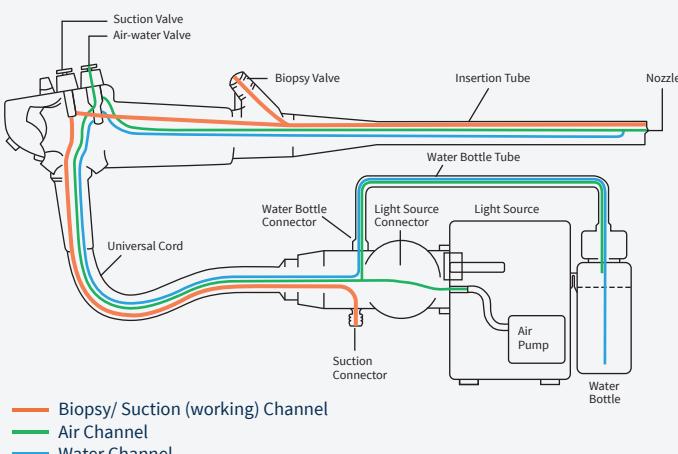
Serving as the **key control points** of the endoscope, these valves regulate suction, air, and water flow while **providing access** for instruments. Designed for precise, responsive fingertip operation, they enable **consistent control** throughout procedures.

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**.

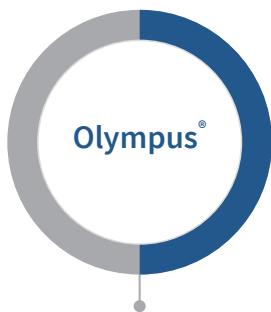
» Balance of Strength and Control

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



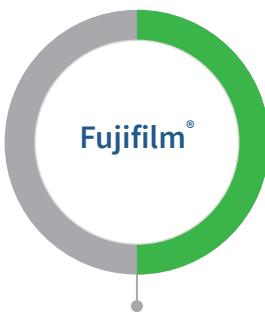
Extended compatibility with new Olympus **1100**, **1200** and **1500** GI endoscope

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



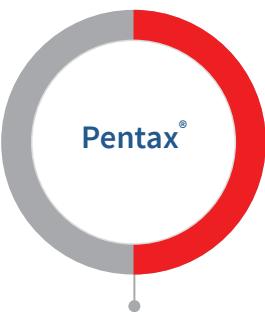
Compatible with Fujifilm **700** GI endoscope

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.



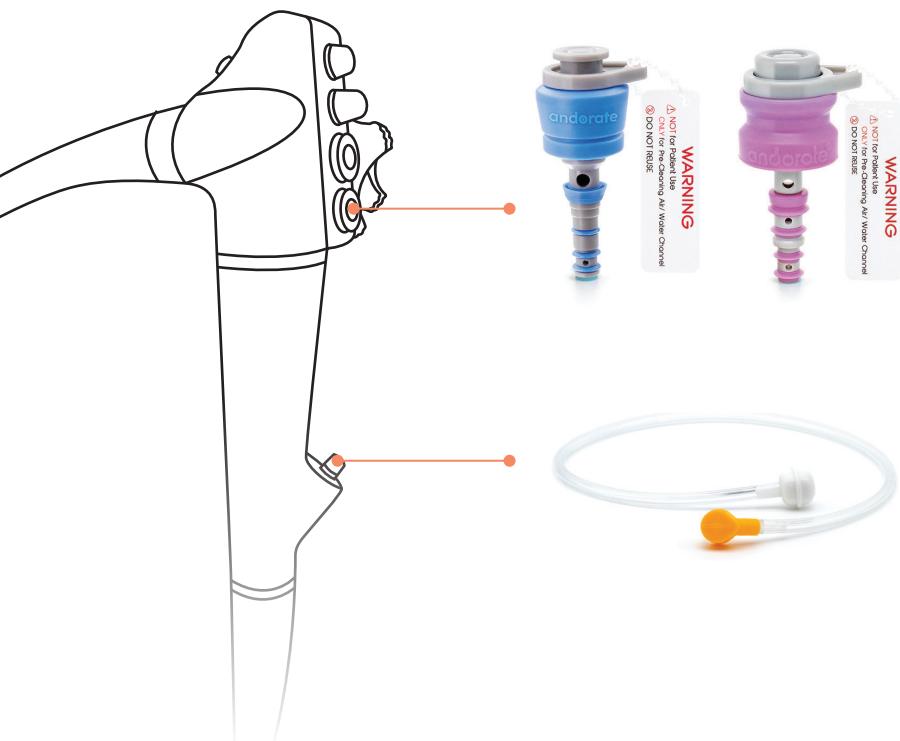
» Reinforced Suction Tube Connection

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

24^h



Air/Water Bottle Tubing
with CO2 Extend
GAR025CO2EXT

24^h



Stainless Steel
Bottle Holder
502003

24^h

For CO₂ Supply Setup



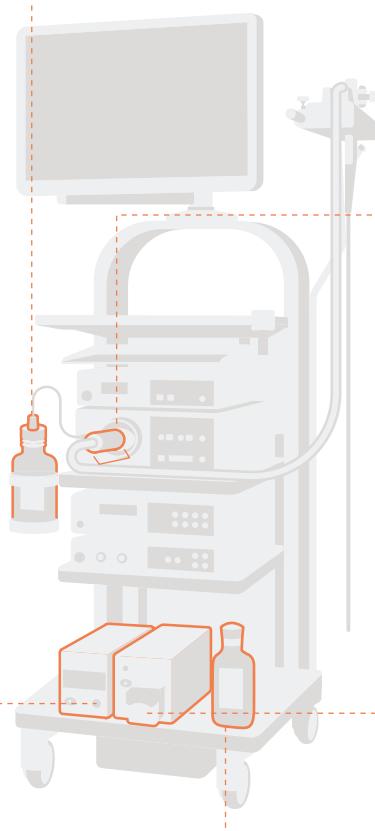
CO₂ Source Tubing Adapter
GAR093

24^h



CO₂ Source Tubing with
Luer Connector
GAR047

24^h



For Irrigation Channel



Auxiliary Water
Connector
GAR027

24^h



Irrigation Tubing
GAR073

24^h



Irrigation Tubing
GAR083

24^h



Stainless Steel
Bottle Holder
502003

24^h

* Compatible with Olympus GI Endoscopes

Reusable

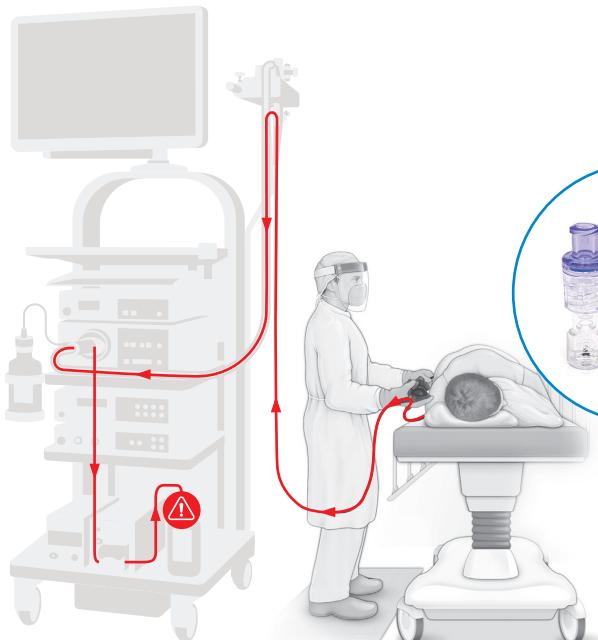
For single-patient use

For 24-hour use

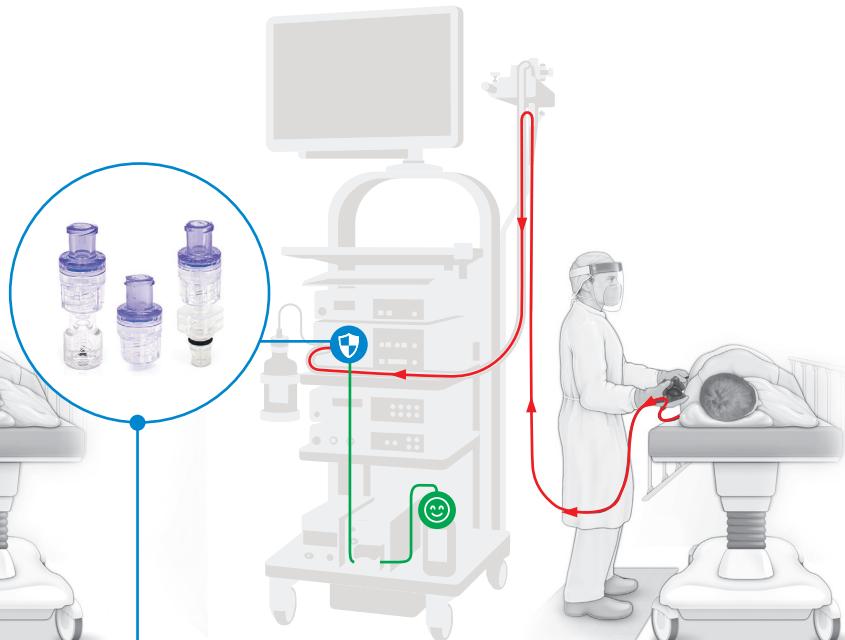
Preventing Backflow: A Critical Step in Infection Control

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



— Backflow risk — Safe irrigation flow

➤ 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



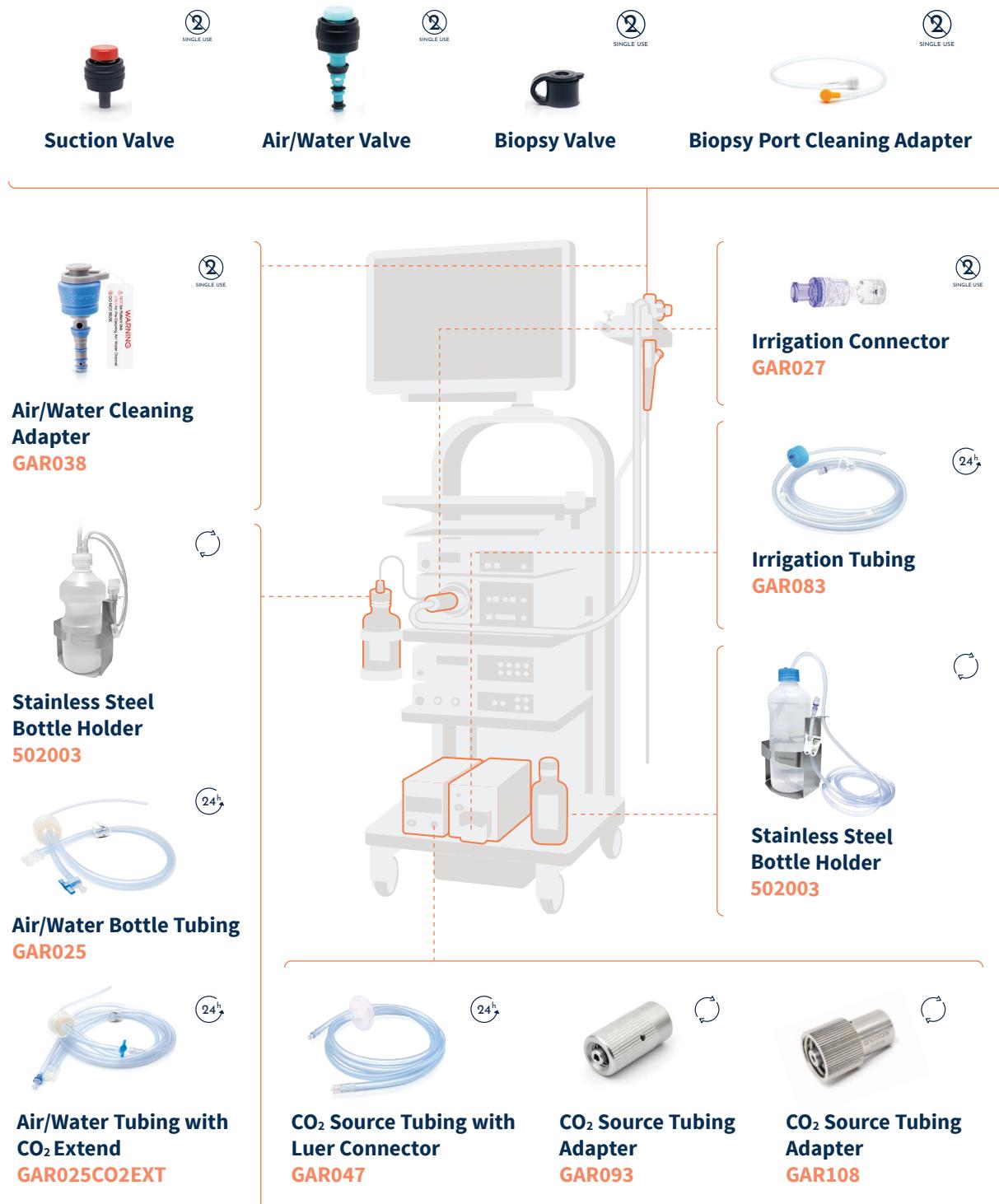
Tidy, efficient workspace with secure water bottle placement



Small Design, Big Impact

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

Andorate Seamless Compatibility with Olympus GI Endoscopes



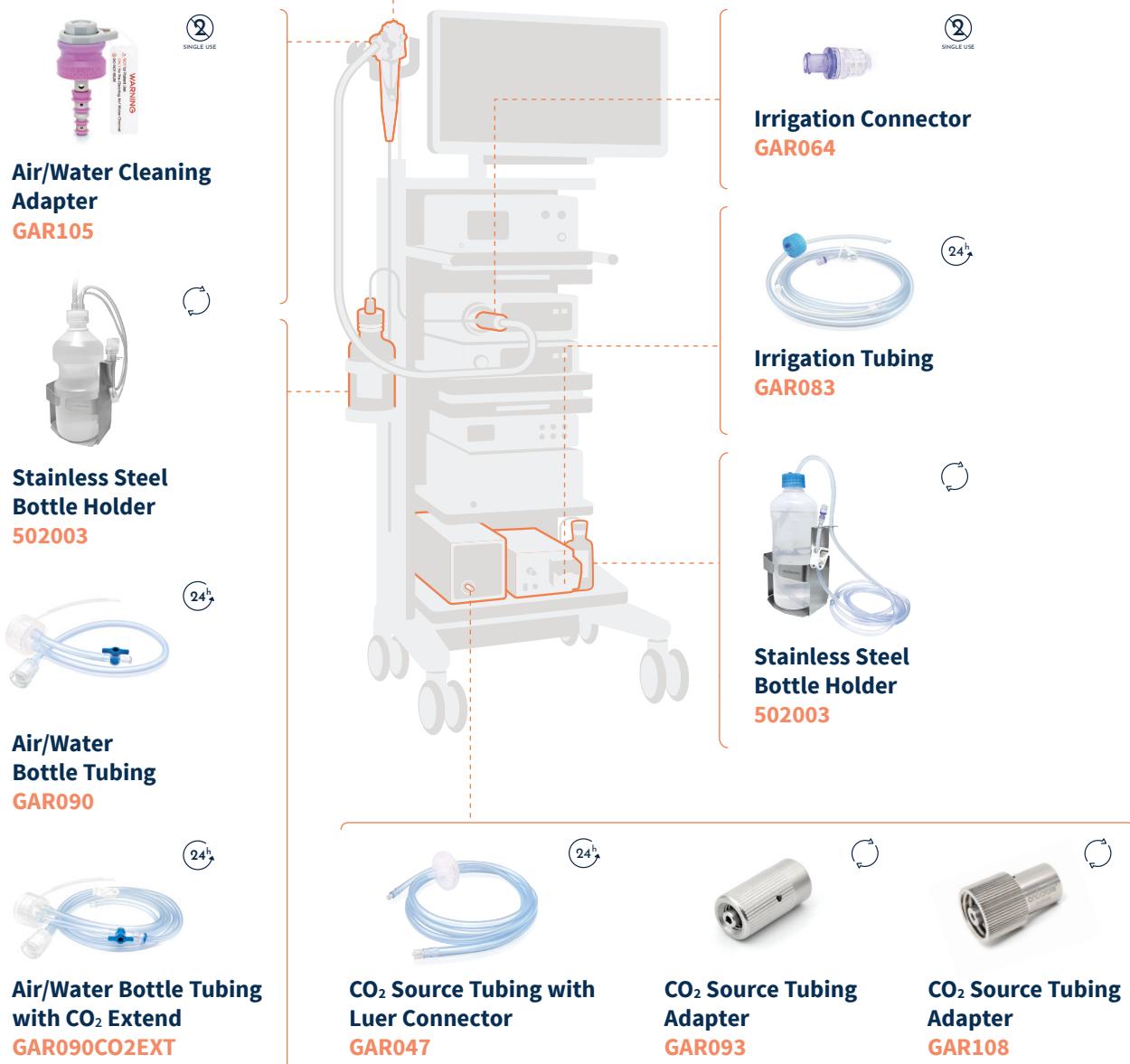
See page 13 for the ordering information 

 Reusable

 For single-patient use

 For 24-hour use

Andorate Seamless Compatibility with Fujifilm GI Endoscopes



Reusable

For single-patient use

For 24-hour use

See page 14 for the ordering information

Andorate Seamless Compatibility with Pentax GI Endoscopes



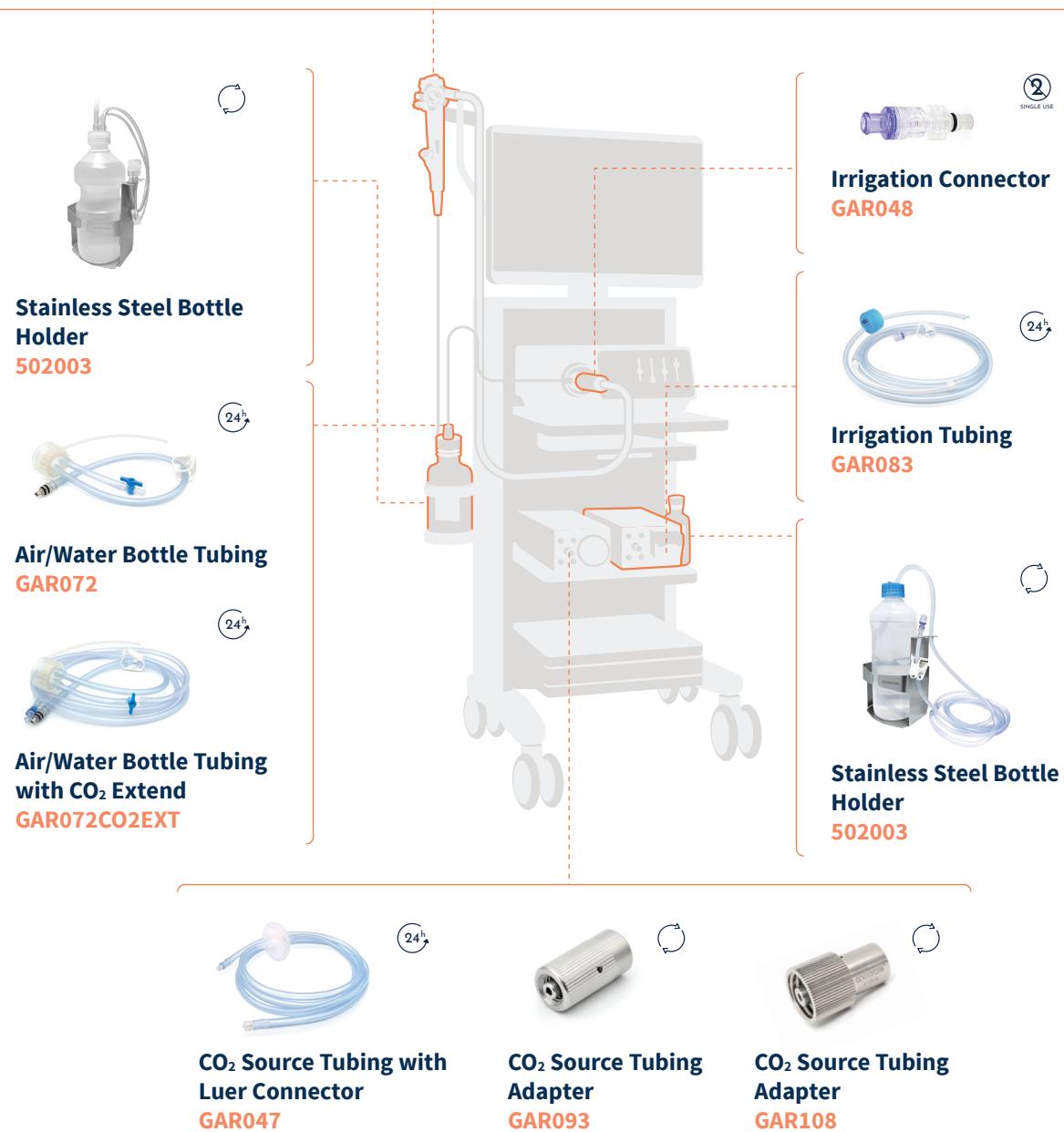
Suction Valve



Air/Water Valve



Biopsy Valve



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



**Air/Water Channel
Cleaning Adapter**

GAR038

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



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

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

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



**Standard Valve Set
with Irrigation Connector**

GAR092

Compatible with Fujifilm®
700 Series GI Endoscope



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

GAR105092

Compatible with Fujifilm®
700 Series GI Endoscope



**Combo
Standard Valve Set**

GAR1057592

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

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

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

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



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

GAR10575-NS

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

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

 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

 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

24^h 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



CO₂ Source Tubing Adapter

GAR093

Compatible with Olympus UCR CO₂ Insufflator



CO₂ Source Tubing Adapter

GAR108

Compatible with Fujifilm GW-100 Insufflator

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

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

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

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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