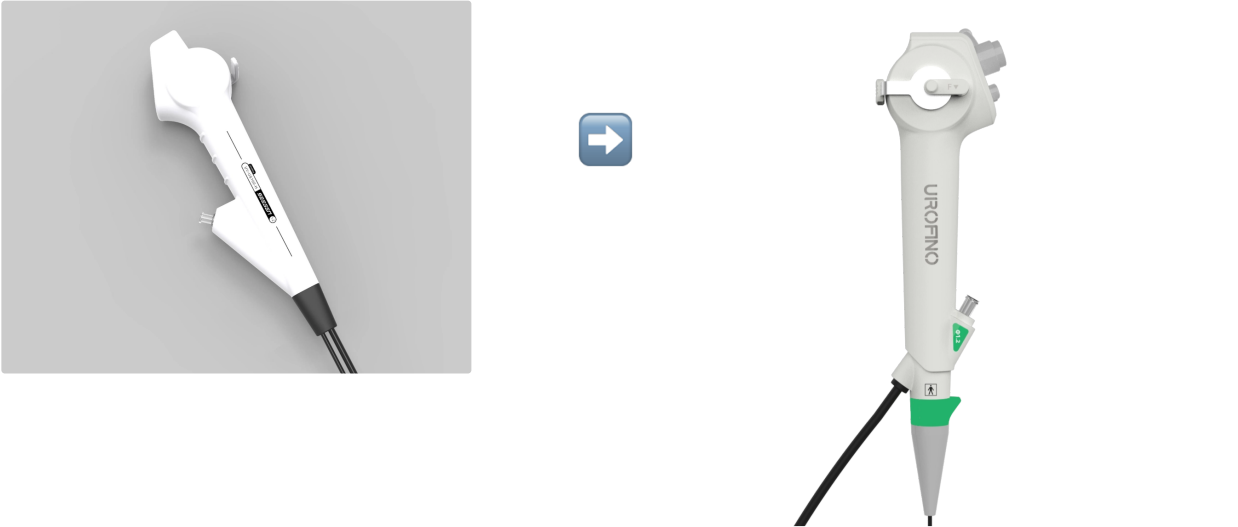


SEEGEN Gen2 Urology Product

More choices · Simpler connection · More clinical flexibility

1. From Gen1 to Gen2



Product System	Gen1	Gen2
Ureteroscope	UV-US100-H / UV-US110-H	UV-US120-H / UV-US121-H / UV-US130-H / UV-US140-H / UV-US100D-H
Imaging Processor	PL-1000 / PL-2100	DP-1A
Cystoscope	UV-100-E / UV-100T-E	UV-110-E / UV-110T-E

**The Gen2 concept:** more product choices for different clinical needs, more functions on the scope side, and direct connection to the new DP-1A imaging processor.

2. Gen2 Ureteroscope Portfolio

Model	Key Specification	Key Features
UV-US120-H	6.6Fr OD · 3.0Fr working channel · 700 mm	Suction · Rotation · Ultra-slim design
UV-US121-H	6.6Fr OD · 3.6Fr working channel · 700 mm	Suction · Rotation · Larger 3.6Fr working channel
UV-US130-H	7.5Fr OD · 3.6Fr working channel · 700 mm	Suction · Rotation · Balanced 7.5Fr platform
UV-US140-H	9.0Fr OD · 3.6Fr / 1.2 mm working channel · 700 mm	Suction · Rotation · 9Fr-class <u>Gen2</u> platform
UV-US100D-H	9.9Fr OD · double working channel 3.6Fr + 1.8Fr · 700 mm	Suction · Double Working Channel



Built-in Suction across the Gen2 ureteroscope portfolio

All five models above include a **suction port and suction button** for connection to a suction pump. This supports active fluid management and helps maintain a clearer working field during procedures.



Rotation for single-channel models

UV-US120-H, UV-US121-H, UV-US130-H and UV-US140-H support rotation of the insertion section for easier orientation and handling.

UV-US100D-H is the **exception**: its double-working-channel design does **not** support the rotation function.



UV-US100D-H — 9.9Fr Double Working Channel

Designed for advanced ureteroscopy workflows with integrated fluid management.

- 3.6Fr + 1.8Fr dual working channels provide greater procedural flexibility.
- Supports **simultaneous irrigation and suction / outflow** to improve inflow–outflow balance.
- This design may support intraarenal pressure management during ureteroscopy;
- **Dual-instrument capability** supports more complex treatment workflows.
- Supports a potential **sheath-free workflow** in selected procedures by integrating inflow / outflow management into the scope itself.
- May reduce dependence on an additional suction access sheath system in appropriate cases.

Key concept: fluid management is integrated into the scope itself, giving physicians more flexibility to irrigate, suction and use instruments during the same procedure.

Gen2 ureteroscope upgrades

- Built-in suction across the Gen2 portfolio
- Rotation on applicable single-channel models
- Double working channel on UV-US100D-H
- Deflection locker for more stable control
- Remote function buttons
- Longer handle holding length for improved handling
- New connection architecture for the Gen2 system

 **Quick selection:(all can directly connect with DP-1A)**

UV-US120-H → 6.6Fr smallest access priority

UV-US121-H → 6.6Fr slim + larger 3.6Fr channel

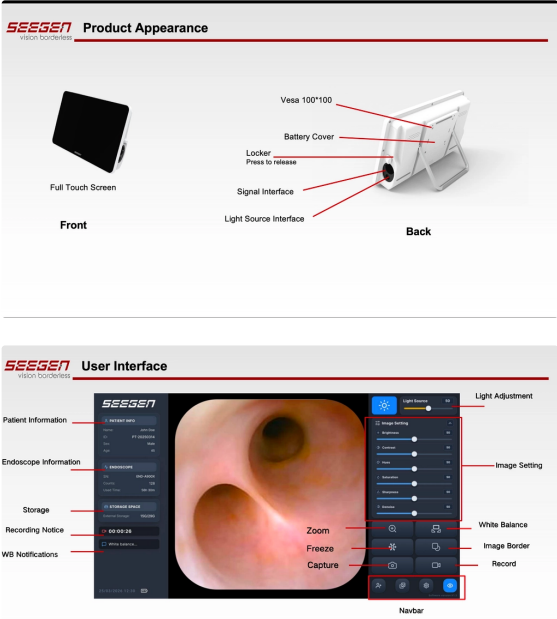
UV-US130-H → 7.5Fr class Gen2 platform

UV-US140-H → 9Fr-class Gen2 platform

UV-US100D-H → 9.9Fr double-channel efficiency

3. New Gen2 Imaging Processor — DP-1A

Feature	DP-1A
Resolution	1920 × 1080 Full HD
Display	13.3-inch full touchscreen
Storage	Internal storage + USB
Workflow	Patient information · file browser · customizable remote buttons
Battery	More than 3 hours cordless operation
Connection	Direct connection with compatible <u>Gen2</u> endoscopes



 **For existing PL-1000 / PL-2100 customers:** Gen2 ureteroscopes can still be introduced first through an adapter. When upgrading to DP-1A, compatible Gen2 ureteroscopes connect directly without the adapter.

4. Gen2 Cystoscope

Model	Key Specification	Connection	Typical Use
UV-110-E	15.9Fr OD 2.2 mm working channel 1000×1000 px CMOS · HD suction + rotation	HP-1A / Pad / DP-1A	Bedside, clinic, emergency, outpatient and OR
UV-110T-E	15.9Fr OD · 2.2 mm working channel 1000×1000 px CMOS · HD suction + rotation	Integrated non-detachable cable → DP-1A	Outpatient, ambulatory surgery and OR

UV-110-E: one scope, three setups



HP-1A

Portable bedside / mobile setup

Fast and compact for quick examinations.

Pad

Flexible mobile setup

Small footprint for clinic and room-to-room use.

DP-1A

Complete Gen2 setup

Direct connection with Full HD touchscreen, storage and patient information.

UV-110T-E: Direct connect to DP-1A



 New Gen2 cystoscopes are designed for the new connection platform and are not compatible with PL-1000 / PL-2100 through the ureteroscope adapter solution.

5. Which Gen2 Solution Fits Your Needs?

Clinical / Workflow Need	Recommended Solution
Very slim access / narrow ureter	UV-US120-H
6.6Fr profile with larger 3.6Fr working channel	UV-US121-H
Routine adult ureteroscopy	UV-US130-H
Larger Gen2 ureteroscope platform	UV-US140-H
Dual-channel / complex workflow	UV-US100D-H
Portable bedside or clinic cystoscopy	UV-110-E + HP-1A or Pad
Complete Gen2 cystoscopy setup	UV-110-E or UV-110T-E + DP-1A

6. Upgrade Your System Step by Step

- Keep your existing system where possible.** Existing PL-1000 / PL-2100 ureteroscope users can begin with Gen2 ureteroscopes using an adapter.
- Choose the Gen2 scope based on clinical need.** Select by outer diameter, working channel and procedure complexity.
- Move to DP-1A when ready.** Direct connection simplifies the Gen2 workflow and adds Full HD touchscreen, internal storage and portable battery operation.
- Expand into Gen2 cystoscopy.** UV-110-E offers three connection options, while UV-110T-E provides an integrated DP-1A solution.

 **SEEGEN Gen2 Urology Platform**

More clinical options. More flexible workflow. Simpler system connection.