

SonoScape

ENDOMED

Tecnologhies S.A.C.

HD-550 IMAGE PROCESSOR

| | |
|-------------------|---|
| Station | Separated |
| Video output | SDI, DVI, VGA, CVBS, S-video |
| Resolution | 1080p |
| Chromo | SFI/VIST |
| Digital Zoom | 1.4x,1.6x,1.8x |
| Patient Data | ≥ 10,000 records |
| IRIS | Peak/Avg/Auto |
| Colour adjustment | Red, Blue, Chroma, +15 levels |
| Air feeding | 4 levels (Off/L/M/H) |
| AGC | Yes |
| Data Management | 500G Built-in, 5 USB, DICOM |
| White Balance | Auto-saved |
| Image enhancement | Structure enhancement, Edge enhancement |
| Contrast/denoise | L/M/H,auto-denoise |
| Dimension (mm) | 480x370x125 |

VLS-55 SERIES LIGHT SOURCE

| | |
|------------------------|---|
| Main Lamp | Four LED lamps of different colors |
| White light mode | High color rendering index and high luminous flux |
| SFI/ VIST | High brightness and specific spectra in the 2 special light modes |
| Brightness | Auto/Manual, 1-19 levels |
| Transillumination mode | 6-8 seconds |
| Service time | 10000 hours (Continuous use) |
| Hot plugging | Yes |
| Dimension (mm) | 473x370x154 |

Representante exclusivo:

ENDOMED
Tecnologhies S.A.C.

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BOOSTED BRILLIANCE AT EVERY TURN

HD-550,

Full High Definition Video Endoscopy System
with 4-LED Light Source and SFI/VIST Technology



Introducing a boosted brilliance at every turn on your way to image clarity. HD-550 is now equipped with the 4-LED light source, and an upgraded scope tubing. Supporting 1080p resolution, the added brightness provides even more image details under all light modes, and truly smooths the path in both diagnostic and therapeutic procedures.



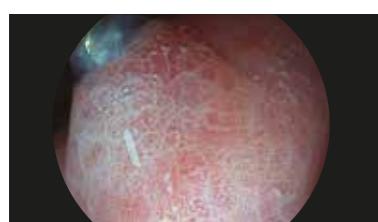
Boosted Image Performance

The 4-LED light source enables multi-spectrum and multi-mode imaging. Its versatility not only allows a superior brightness under the White Light mode, but also an uncompromised illumination under chromoendoscopy modes SFI¹ and VIST², where the vascular colour contrast and mucosal structure are greatly enhanced. You will get much more from this level of image performance.

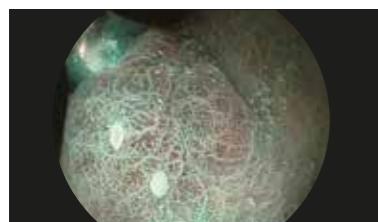
| White-light Mode (Default) | SFI Mode | VIST Mode |
|------------------------------------|--|--|
| • Highly illuminated image | • Normal-focus mode with enhanced structure and colour | • Near-focus mode with increased mucosal contrast |
| • True to colour | • Supporting in detection and demarcation of the lesions | • Assisting in characterisation of the lesions and diagnosis |
| • Suitable for routine observation | | |



White Light



SFI



VIST

Prolonged luminosity

Equipped with a 4-LED light source, the HD-550 delivers brilliantly clear and vivid images. The LED lights consume much less energy comparing to Xenon and comes with an extended life span. Enjoy the brightness for much longer before thinking about bulb replacement.



Brilliant Workflow

HD-550 inherits SonoScape's one of the kind built-in workstation with 500GB of hard disk. It allows you to access patient data, to capture and record images and videos, to create and edit the reports in one spot without the need of any extra software.

Boosted Maneuverability



Ergonomic experience

A new scope tubing paired with a light-weight handle, the upgraded 550 series scopes offer great comfort and ease during routine and complex operations, helping to shorten the procedure time, and to reduce both patients' discomfort and yours.



Ingenious design

One step connection, and real water-proof, the 550 series scopes can be plugged and unplugged, cleaned and disinfected straightforwardly at a minimal risk of water damage by mismanipulation, which indeed lightens your team's workload.

¹SFI: Spectral Focused Imaging

²VIST: Variable Intelligent Staining Technology

AN OUTLOOK FOR CONSISTENT EXCELLENCE

550 Series, The Routine Gastro- and Colonoscopes



Intubate and reach with ease, and observe to full extent owing to these scopes' short bending radius and large field of vision.

Diagnose and treat with confidence thanks to their water jet function and generous instrument channel.

Equip your clinic with scopes of a wide range of parameters. They can be seamlessly integrated into diverse clinical environments, and will be reaffirming our commitment to excellence in patient care.

The 550 series of gastro- and colonoscopes has garnered global endorsement from expert endoscopists.



550 SERIES SCOPES

| | EG-550 | EG-550L | EC-550 | EC-550T | EC-550L | EC-550L/T |
|----------------------|-------------------|---------|----------------|---------|---------|-----------|
| Field of view (°) | 140 | 140 | 140 | 140 | 140 | 140 |
| Depth of view (mm) | 3-100 | 3-100 | 3-100 | 3-100 | 3-100 | 3-100 |
| Distal end Dia. (mm) | 9.3 | 9.8 | 12 | 12 | 12.9 | 12.9 |
| Insertion Dia. (mm) | 9.3 | 9.8 | 12.5 | 12.5 | 12.9 | 12.9 |
| Instrument Dia. (mm) | 2.8 | 3.2 | 3.8 | 3.8 | 4.2 | 4.2 |
| Angulation (°) | U210, D90, L/R100 | | U/D180, L/R160 | | | |
| Working length (mm) | 1050 | 1050 | 1350 | 1700 | 1350 | 1700 |
| Water Jet | YES | | | | | |
| OneTouch | YES | | | | | |

DEFINED MOVEMENT, UNLIMITED PURPOSE

EC-P560 Series,
Slim Colonoscopes with ATS and PFT Technology



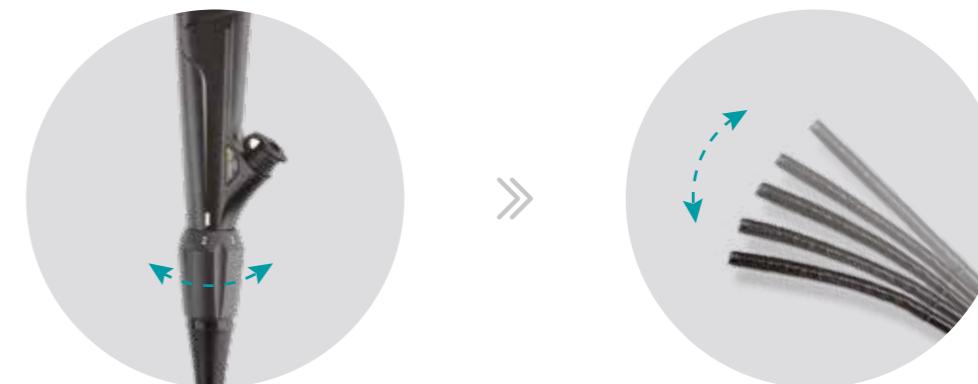
The versatility of SonoScape's slim scopes originates from their well-balanced configurations.

With a small distal end, a slim body, and a satisfying instrument channel size, not only do they excel in routine diagnostic and therapeutic procedures, but are the go-to scopes for facing colon narrowing, stenosis and volvulus, or geriatric patients etc. In addition, their excellent field and depth of view assures the high quality of a colonoscopy.

Equipped with waterjet, ATS* and PFT† technology, SonoScape's slim scopes are physician focused. Their stiffness can be adjusted in continuous levels, and to the perfect nuance. The scope tubing is improved so it becomes more sensitive to the endoscopist's hand gestures, even easier to manoeuvre under challenging situations.

*ATS: Alterable Tubing Stiffness

†PFT: Precise Force Transmission



Alterable Tubing Stiffness to the right nuance that suits to the circumstances

EC-P560 Series

| | EC-P560 | EC-P560T |
|------------------------------|--|----------|
| Field of view (°) | 170 | |
| Depth of view (mm) | 2-100 | |
| Distal-end Dia. (mm) | 10.8 | |
| Insertion tube Dia. (mm) | 11.5 | |
| Instrument channel Dia. (mm) | 3.2 | |
| Angulation (°) | Up/Down 180, Left/Right 160 | |
| Working length (mm) | 1350 | 1700 |
| Waterjet | Available | |
| Special features | ATS (Alterable Tubing Stiffness), PFT (Precise Force Transmission) | |
| Connection | OneTouch, waterproof | |
| Compatibility | HD-550 | |

THE AGILITY OF NAVIGATION

EC-P550 Series, Ultra-slim Colonoscopes



The ultra-slim P550 colonoscopes offer the agility to treat children or patients with challenging anatomies in confidence. The depth of view is particularly adapted for colon lumen that has even more limited space. These features and more make these ultra-slim scopes a unique but much-needed addition in your unit.



MORE OPTIONS, LESS DISCOMFORT

EG-P550N, The Ultra-Slim Gastroscope for Transnasal Endoscopy



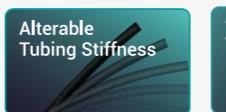
The ultra-slim gastroscope for transnasal endoscopy provides an alternative to the traditional gastroscopy, depends on clinical scenario and preference. Despite its slender distal end, its generous instrument channel ensures robust suction capacity.

Ultra-slim Series

| | EC-P550S | EC-P550ST | EG-P550N |
|----------------------------------|-----------------------------|-----------|------------------------------------|
| Field of view (°) | 140 | | 140 |
| Depth of view (mm) | 2-100 | | 3-100 |
| Distal-end diameter (mm) | 9.7 | | 5.4 |
| Insertion tube diameter (mm) | 9.5 | | 5.8 |
| Instrument channel diameter (mm) | 3.2 | | 2.2 |
| Angulation (°) | Up/Down 180, Left/Right 160 | | Up 210 / Down 90, Right / Left 100 |
| Working length (mm) | 1350 | 1700 | 1100 |
| Waterjet | Not equipped | | Not equipped |
| Compatibility | HD-550 | | HD-550 |

SUPPORT OPTICAL DIAGNOSIS IN FOCUS

550Z series, Optical Magnification Gastro- and Colonoscopes



The 550Z series harness the power of 85 times optical magnification and is complemented by SonoScape's SFI/VIST virtual chromoendoscopy. This synergy enhances optical diagnosis capabilities, supports alignment between endoscopic and pathologic findings and unlocks a deeper understanding of cancer development in the GI tract.

Additionally, experience a smooth and precise vision adjustment, while maintaining the focus, thanks to the joint depth of field in the Wide and Tele mode.

The ATS* system incorporated in the colonoscope further ensures streamlined procedures, so you can navigate the complex terrains of diagnostics with unmatched adaptability.

*ATS: Alterable Tubing Stiffness



Optical magnification 85x with VIST



Manual magnification control
with a zoom level
for a smooth and precise adjustment

Zoom Series

| | EC-550Z | EG-550Z |
|--|--------------------|---------------------|
| Field of view (°) | Wide:140; Tele: 90 | Wide: 140; Tele: 90 |
| Depth of field (mm) | Normal: 3–100 | Normal: 3 –100 |
| Angulation (°) | Up 180 / Down 180 | Up 210 / Down 90 |
| Distal-end outer diameter (mm) | 12.2 | 10.8 |
| Instrument channel inner diameter (mm) | 3.8 | 2.8 |
| Working length (mm) | 1350 | 1050 |
| Waterjet | Yes | Yes |
| Alterable Tubing Stiffness | Yes | No |