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i-Solution™ Catalogue

Leading Solution For Visualized Airway Management

www.insighters.cn



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Trust In Sight

At insighters, we deeply understand the importance and challenges posed by airway management application in Respiratory, OR, ICU and Emergency Department to global healthcare providers. As such we provide an easy to use, efficient and superb quality Airway Management Solution by working with doctors and engineers to innovate newer technology to address such challenges within health care.

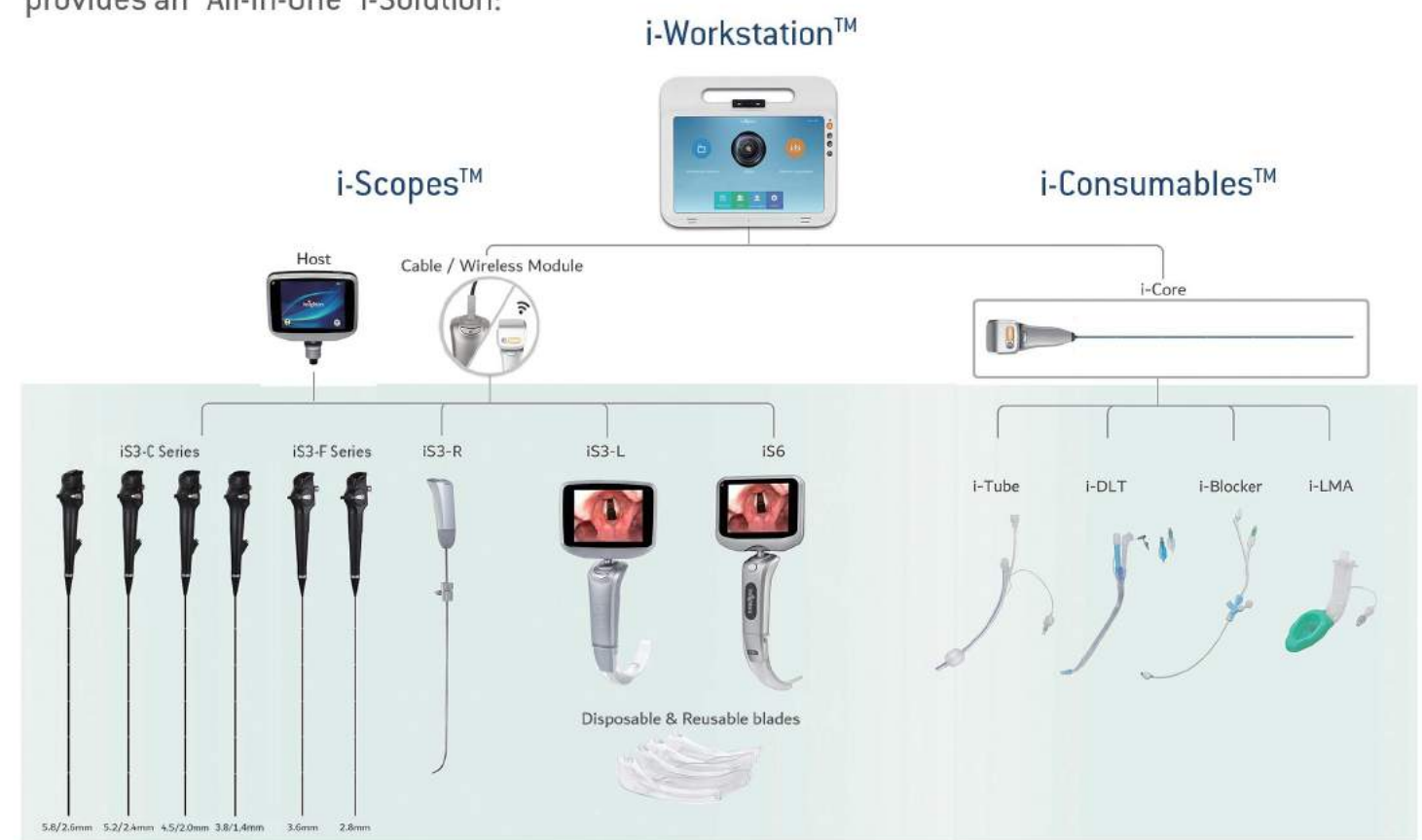
World-unique Solution for Visualized Airway Management



Insighters i-Solution™: Empowering Your Visualized Airway Management

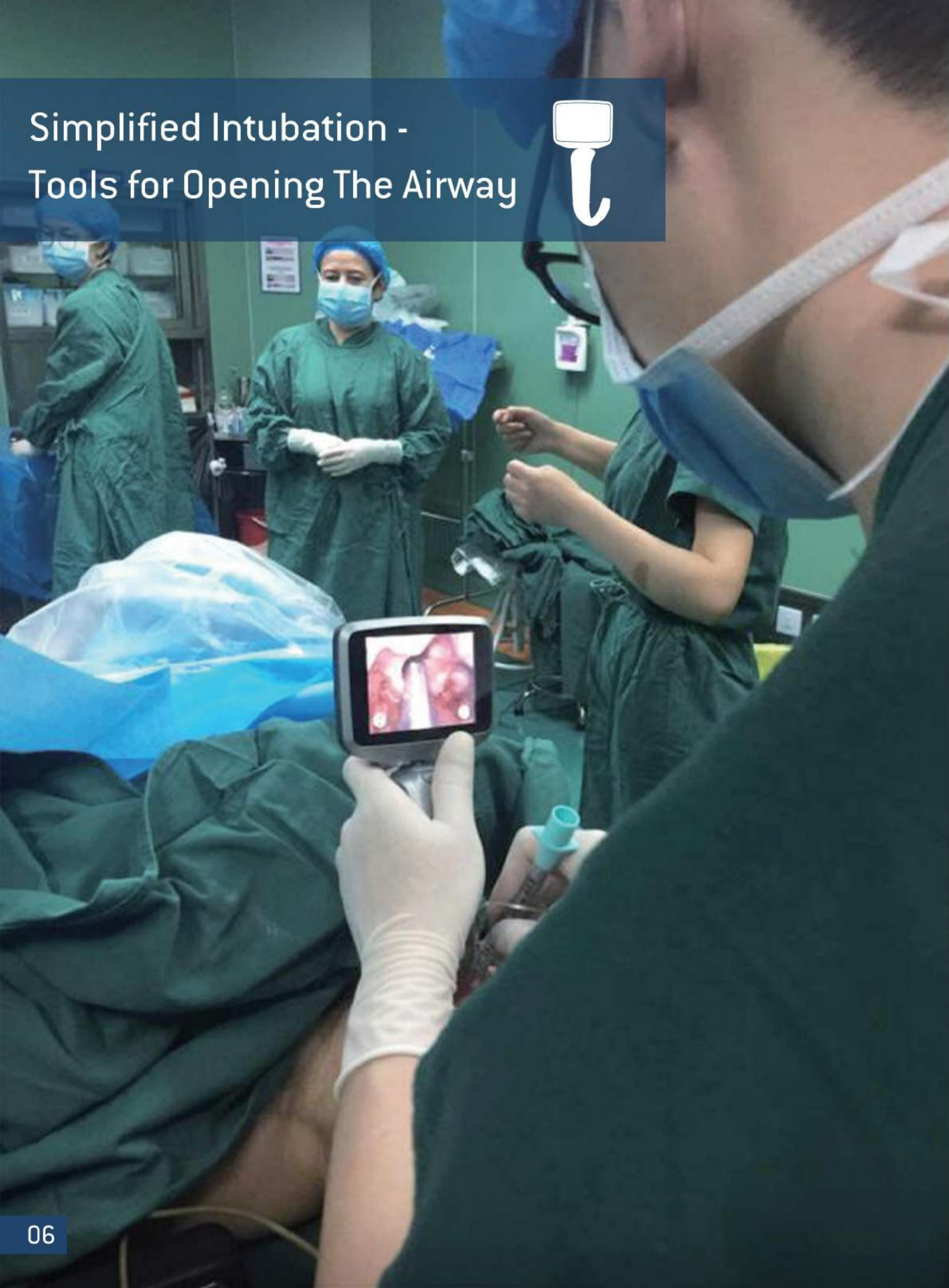
In OR/ICU/ER, airway management skills and tools are essential to achieve and maintain a patent airway. Successful airway management can make the difference between life and death.

Traditionally, due to the lack of easy-to-use, efficient tools, doctors have to rely on their sight and experience to perform airway management operations, such as intubation, DLP, suction, etc. To empower doctors handle this whole process in a visualized and simplified method, insighters provides an “All-In-One” i-Solution:



- **i-Scopes™ series:**
Simplify intubation, assist doctors to handle intubation in both routine & difficult airway.
- **i-Consumables™ series:**
Empower instant monitoring the whole airway management process visually.
- **i-Workstation™:**
World-unique online airway management tele-medicine platform, support WIFI/4G/5G connection, immersive clinical training & education.




Simplified Intubation - Tools for Opening The Airway



Insighters i-Scopes™ Series: Redefine your kit of intubation

The insighters i-Scopes™ combines patent full-digital micro-imaging technology with many unique hardware & software innovations, consisting of universal portable host iS3/iS6/iS2, video laryngoscope iS3-L, iS6, video flexible laryngoscope iS3-C/iS3-F and video rigid laryngoscope iS3-R, greatly simplifies intubation procedure and workflow in both routine and difficult airway.

insighters iS3 Host

-  Universal 3.5-inch Host: one host for all insighters handles
-  Power Management: min. 240 minutes working time, rechargeable
-  Multi-media Function: photography and video recording, USB output



More host options:

- insightes iS2 Host: 3.2-inch display with physical buttons
- insighters iS6 Host: 3.5-inch display with touch panel, screen rotating angle up to 60°, suitable for patients with specific requirements (e.g. obese, at an elevated angle. etc.)



iS2 Host

iS6 Host

insighters iS3-L Video Laryngoscope

- Unique “Insight Slider” design - one handle for 6 sizes blades:
 - Long level for L/M/Mac#3/Mac#4 sizes blade
 - Short level for S/SS sizes blade
- Clear viewing:
 - Full digital micro-imaging technology & 300,000-pixel camera
 - Real-time Anti-fog: turn on & intubate, no need preheating or waiting

“Insight Slider” design



SS (Neonate)
S (Children)
M (Adult)
Macintosh #3
Macintosh #4
L (Difficult Airway)



Reusable & Disposable blades

Clear View



Real-time Anti-fog

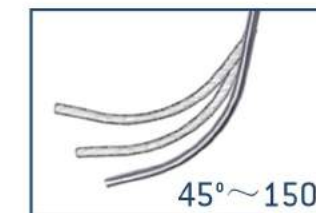


insighters i-Scopes™ Series

insighters iS3-R Video Rigid Laryngoscope

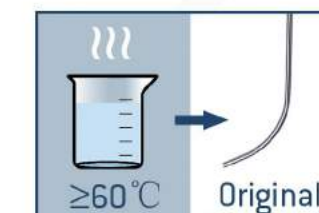
- Insight Shaping technology - semi-rigid stylet design, front end can be shaped according to specific anatomic conditions
- Memory alloy material stylet - recover the original shape automatically via hot water 3-4s ($\geq 60^{\circ}\text{C}$)
- Oxygen port - supply Oxygen during intubation
- Durable and easy to maintain, no need for consumables
- Suit for both routine and difficult airway intubation, especially for patients with limited mouth opening or specific anatomic conditions
- Optional size 2.2mm & 4.1mm for pediatric - adult intubation

Malleable Stylet



$45^{\circ} \sim 150^{\circ}$

Memory Alloy Material



$\geq 60^{\circ}\text{C}$ Original



$45^{\circ} \sim 150^{\circ}$

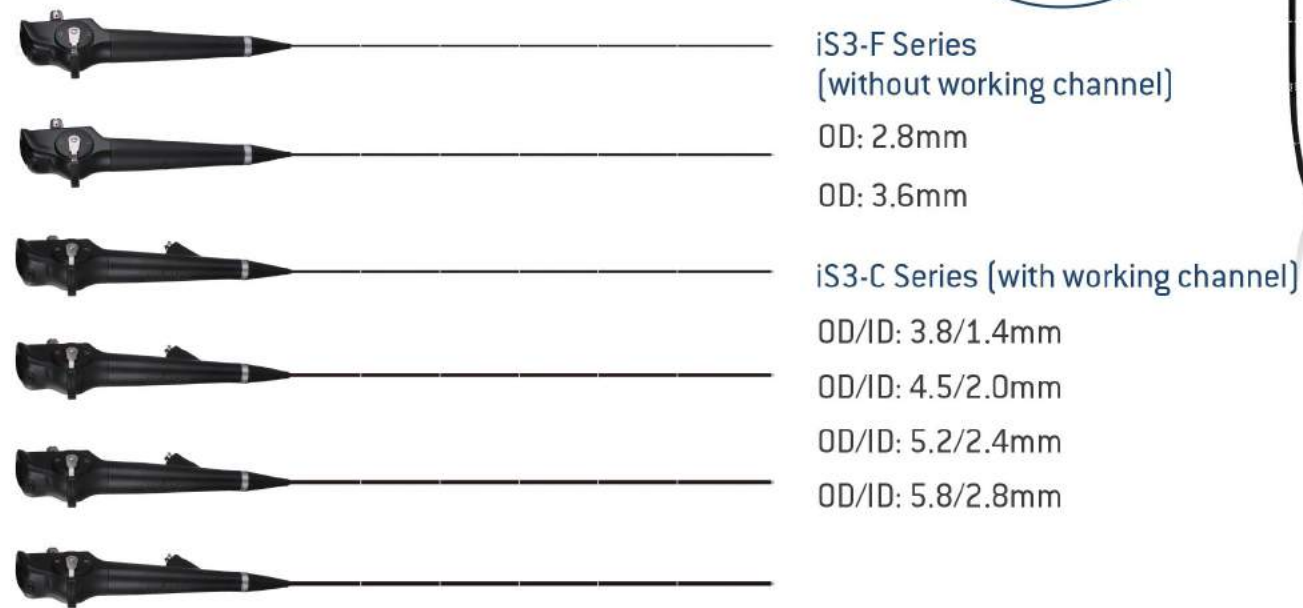
insighters iS6 Video Laryngoscope:

- Metal material handle, more durable
- Enhanced 1,000,000-pixel camera, more suitable and clearer images
- ET tube size min. 2.0mm, excellent for premature



insighters
iS3-C/iS3-F Video Flexible Laryngoscope

- CMOS + LED electronic imaging technology - no built-in optical fiber, durable
- Full digital imaging technology & 160,000-pixel camera
- Working length 60cm - length can be special customized
- Deflection Up/Down: 150°/150°(iS3-F), 130°/130°(iS3-C)



insighters
Single-use Video Flexible Laryngoscope (Upcoming)

- Disposable & reduces risk of cross-contamination
- Innovative structure design, more economical than current suppliers.

Applications of i-Scopes™ Series

Suggested clinical procedure	General anesthesia	ICU	Emergency room	Pre-hospital use
Routine intubation	● ●	● ●	● ●	● ●
Difficult intubation	● ● ● ●	● ● ● ●	● ● ● ●	● ●
Awake intubation	● ●	● ●	● ●	
DLT/BB placement[1]	● ●		● ●	
BAL[2]/Suction /Biopsy	●	●	●	

● iS3-L ● iS3-R ● iS3-F ● iS3-C

[1]DLT: Double-lumen tube, BB: bronchial blocker

[2]BAL: Bronchoalveolar lavage

“We are pleased to report that the insighters i-Scopes is performing brilliantly and is considered a very valuable tool in the midst of the COVID-19 pandemic. Much of the risk can be mitigated by the use of portable video laryngoscopes. I have instituted the insighters Scope as the primary tool for intubation of these patients, primarily due to it’s portability, ease of use, ease/speed of decontamination and ability to review the intubation clearly via video and screen shot”

“The rigid laryngoscope is useful, I think it could even handle almost all airway conditions, now I prefer to use it more than video laryngoscopes.”

“I like the universal design, it’s portable and allows us easy to change different tools in emergencies.”



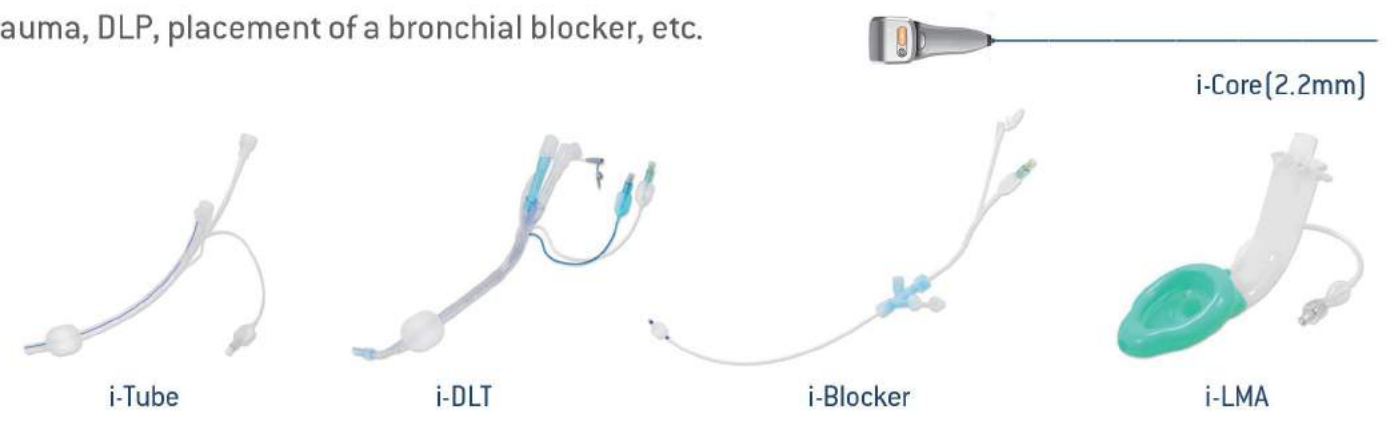
insighters i-Scopes™ Series

Intra & Post operation Continuous Airway Monitoring in OR/ICU

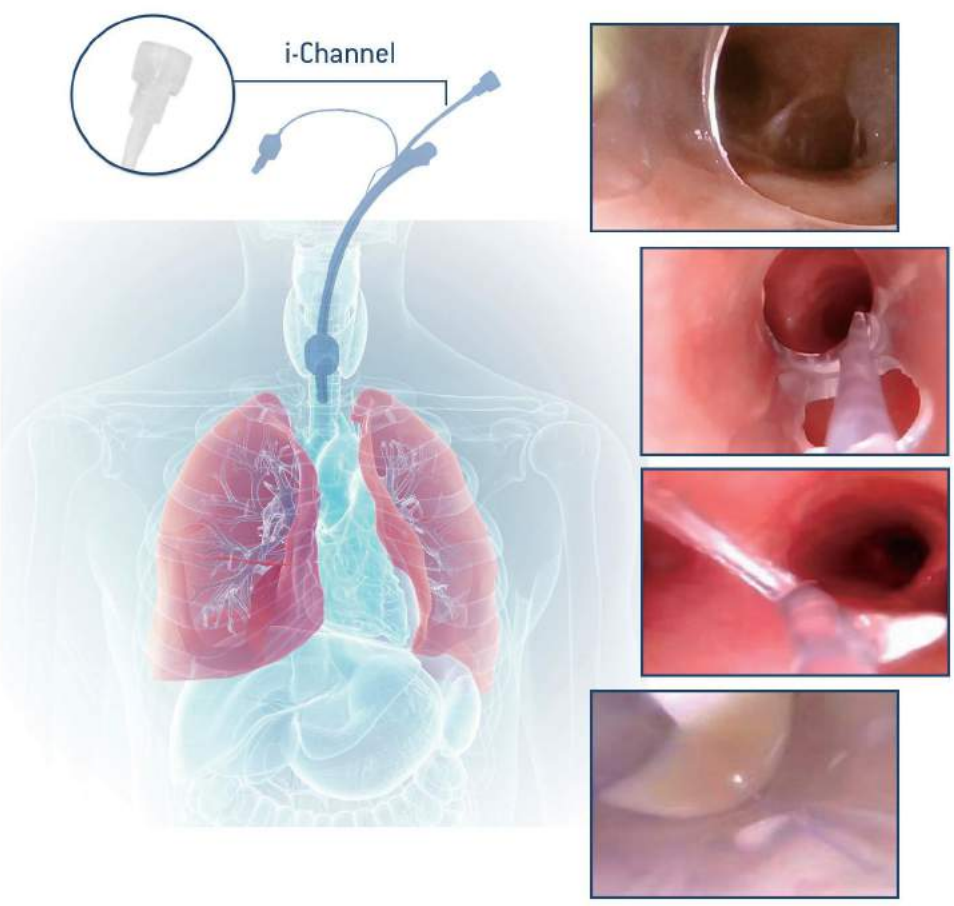


Insighters i-Consumables™ Series: Instant monitoring the entire airway management process

Airway opening and intubation are the first step in airway management, the insighters i-Consumables™ enable physicians to monitor the whole process of airway management instantly and visually during and after a procedure in both OR and ICU. With insighters innovative i-Channel + i-Core, the endotracheal tube, laryngeal mask, double-lumen tube, bronchial blocker, etc. are all updated with a visualization channel which significantly improve the doctors' airways management workflow for precise intubation, suction, washing, treatment of endobronchial trauma, DLP, placement of a bronchial blocker, etc.



Why is it essential to do the *Continuous Airway Monitoring*?



- Accurate placement of tubes
 - Visible depth of intubation
 - Visible position of DLT
- Accurate operations
 - Visualized suction
 - Visualized washing
 - Visualized bronchoalveolar lavage
- Timely find new abnormalities
 - Observe & handle abnormalities
 - e.g. ET tube displacement, bleeding, secretions, etc.

Tele-medicine A Powerful Platform



Insighters i-Workstation™: A global platform for airway management tele-medicine

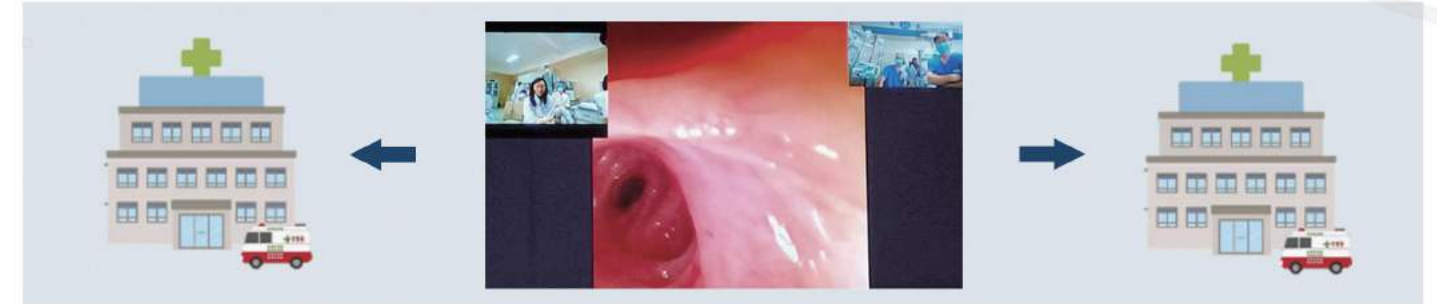
i-Workstation™ is a multi-functional airway management platform for global doctors, compatible with i-Scope™, i-Consumables™ (with i-Core) through wireless module or/and cable connection.

Insighters aims to bridge a professional, quick-response, and equal-to-access platform for global doctors and medical institutions, no matter giant or entering level, to empower the education, training, diagnostics and treatment of visualized airway management.

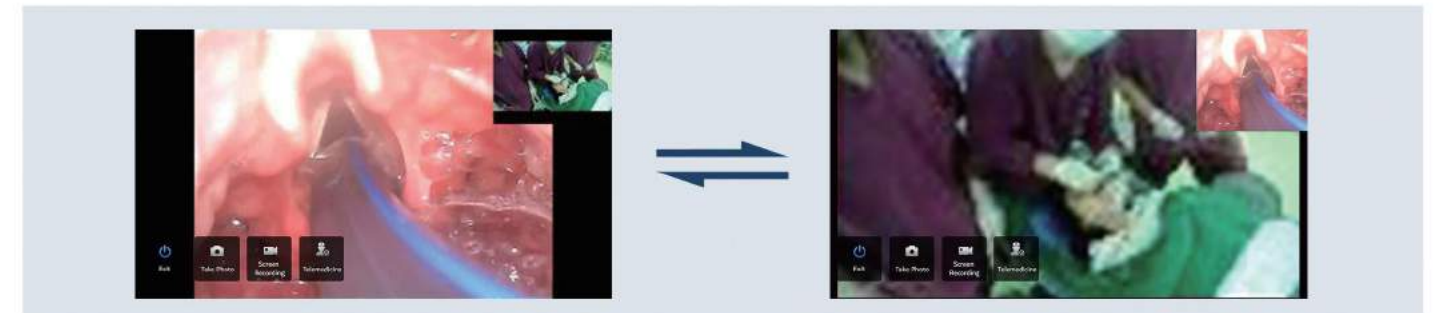


What are the applications of i-Workstation™?

- Tele-medicine
WIFI/4G/5G transmission, supports online consultation with doctors globally.



- Immersive, instant online clinical training & education
Real-time 3 channels image display, both endotracheal view & external operating view, brings an immersive training program.



- Make and Manage Medical Reports
The i-Workstation™ supports users to make and manage the medical report with photos/videos taken.



- Online Information Platform*
The i-Workstation™ supports an online information platform, including medical field news, journals database, academic literature, etc.

*Information platform function will be updated in future version of software.