



ESSE-18

Electrocardiograph



CARDIOLOGY



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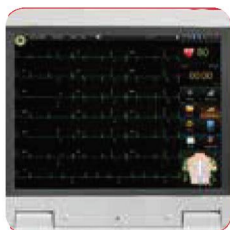
Electrocardiograph



Comprehensive Solutions for Cardiac Practice

ESSE-18, as a professional ECG workstation, provides a comprehensive set of cardiac diagnosis tools, delivering cutting-edge technologies to support your clinical decisions in cardiac practice.

- 18/15-lead Resting ECG for MI Diagnosis
- 12-lead Standard Resting ECG
- 9-lead Resting ECG Specially Designed for Neonates
- Pharma Study
- Vector ECG & Timed Vector ECG (VCG&TVCG)
- Signal Average ECG (SAECG)
- Heart Rate Variability (HRV)
- ST-view (Intuitive Display of ST-segment)



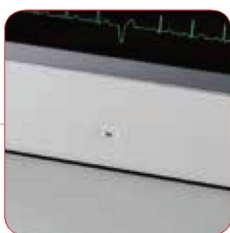
The deluxe 15" touch screen presents a gorgeous trace view, coming along with easy operations on an on-screen toolbar with customizable hotkeys.



The waterproof alphanumeric keyboard enables easy cleaning and sterilization, while introducing a smooth input experience to your daily practice.



A rich interface containing VGA, USB, and SD card slot is embedded, maximizing external connectivity to standalone display, flash drives, keyboard, and mouse.



With the help of the smart light sensor, the screen brightness may change automatically, providing optimal visibility adapts to different environment lights.





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Exceptional Diagnosis Supports in Unexceptional Cases

Long-time Sampling

For certain cases in which a prolonged practice is required, an 1800 seconds recording could be applied, to help with either pretreatment diagnosis or post-treatment evaluations.

Auto Arrhythmia Detection

Arrhythmia trace segments could be highlighted on display with automatic saving strips for further analysis.

On-screen Diagnosis

Designed as an "All-in-One" workstation, ESSE-18 allows a complete paperless workflow with all measurements and diagnosis on screen, correctly and coherently. Any waveform segments can be amplified and measured.

Any report can be edited and confirmed. Any two reports can be selected and compared.

Choose the Right Treatment at the Right Time

"Caution is advised in patients with known inferior wall STEMI, and a right-sided ECG should be performed to evaluate RV infarction."

Because the 12-lead standard ECG only infers the signal of anterior/ septal/ lateral wall, while posterior/right precordial wall signal is not covered by any of the leads, the 12-lead diagnosis of posterior infarction is often not informative.

The 18/15-lead ECG brings more information on right precordial and posterior wall, helping doctor find the accurate location of the myocardial infarction or ischemia, and apply right treatments, preventing possible tissue death.

Maximized Performance

The ESSE-18 sampling box combines multiple ranking technologies in one, presenting maximized performance with minimized signal distortions.

- 16,000 Hz Sampling Rate: Maximizes signal fidelity, especially for pacemaker detection.
- 24 bit A/D Converter: Maximizes signal resolution.
- 140 dB CMRR: Minimizes signal distortions.
- 0.01~300 Hz Bandwidth: Minimizes signal loss for pediatric diagnosis.



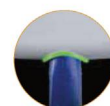
Color-coded Lead Wires



One-button Start/Stop



LED Signal Quality Indicator



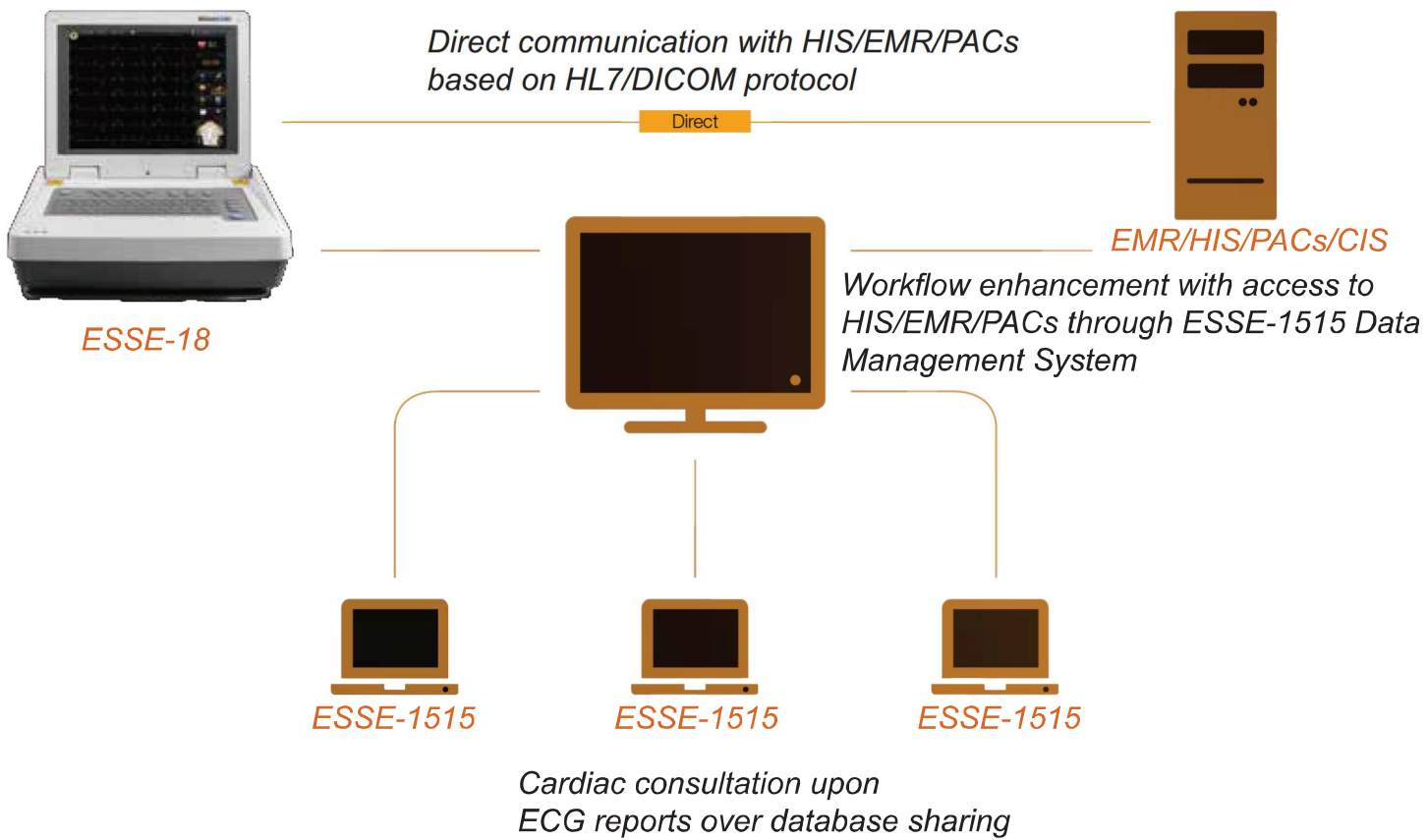


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Streamlined Data Connectivity



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