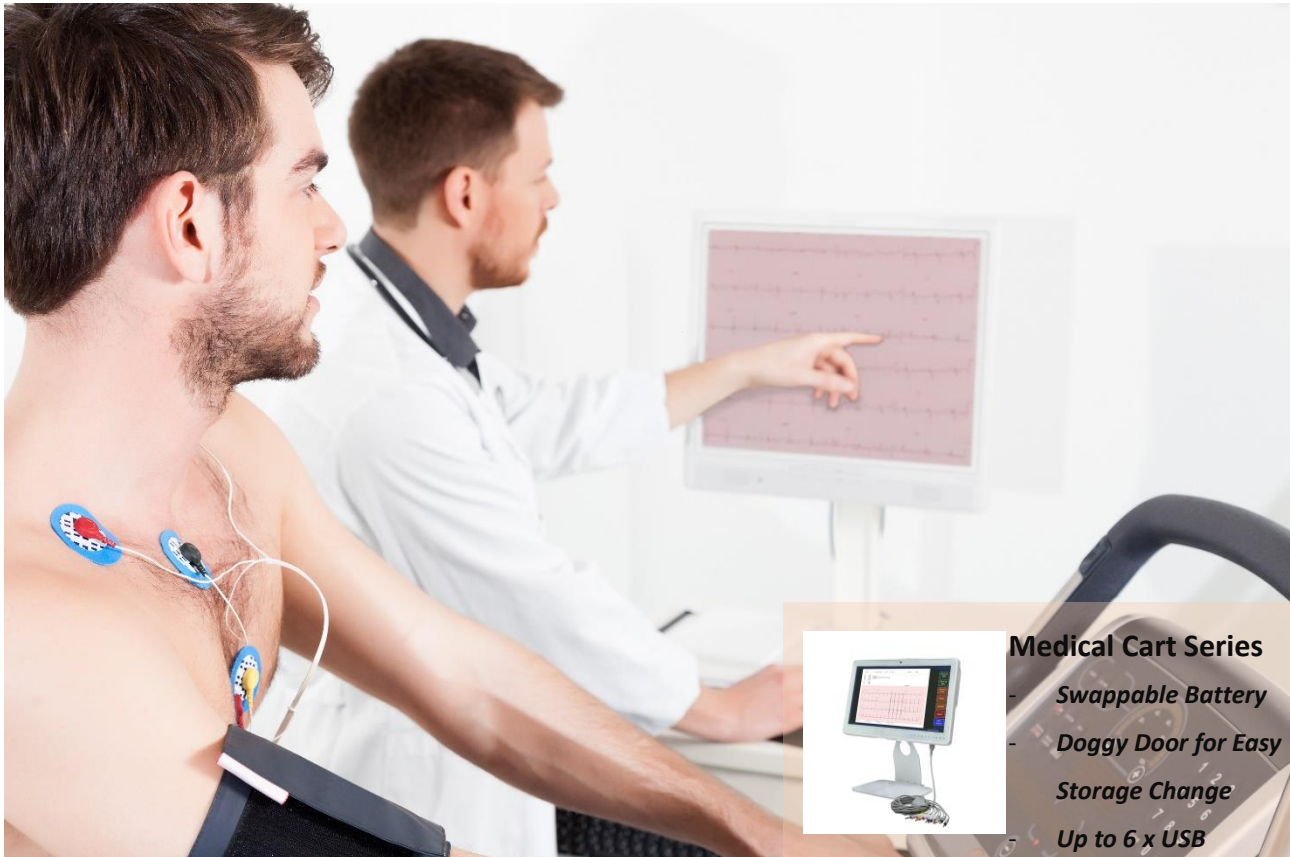


12 Lead Diagnostic Electrocardiograph (ECG) Solution

– Diagnose AMI and Reduce Treatment Time for Cardiovascular Disease



Background

The global diagnostic electrocardiograph market is expected to reach \$8.1 billion in 2023 and is poised to expanded to \$11.3 billion in 2028, at a compound annual growth rate (CAGR) of 6.9%. (Source: ECG Market, Markets and Markets) Diagnosis ECG devices enables early diagnose and provides real-time insights of heart conditions, such as arrhythmias, myocardial infarctions. In 2022, 12-lead ECG segment accounted for the largest share of the diagnostic ECG. Since 12-lead ECG devices are chiefly used by paramedics to diagnose acute myocardial infraction (AMI) and reduce treatment time. Moreover, the rising usage of 12-lead ECG devices hospital & pre-hospital settings are likely to support the segment growth. Toward remote healthcare are turning from digital transformation, it is challenge how to make the diagnostic ECG easy to access for the paramedics.

Pain Points

To suit for portable diagnostic ECG devices condition, it must fit in embedded power support, easily to provide power out-put for bar-code & smart card reader, printer, and RFID scanner. Moreover, a well-installed 12-lead ECG with professional application software with outstanding passing FDA is key for most paramedics to use.

- Wide voltage support power output for various peripheral devices

- Embedded Power Support for Mobile Usage
- Easy clean & anti-bacterial housing
- Touch on/off for hygienic cleaning
- More USB/COM I.O.
- One Unified Integration and Professional Aps for Diagnose

Wincomm – ACME Solutions



Max. 30 watt power output with various voltage (5, 7.4, 9, 12, 20, & 24V) support, to external devices on Medical Cart AIO PC Series

Wincomm upgraded medical cart all in one PC series, including WMP-22G/24G, WMP-22J/24J and WMP-22P/24P series, equipped with up to three swappable batteries, to support maximum 30 watts power output to external devices to fulfill this requirement. In this application, [ACME](#) leveraged Wincomm [WMP-22P series](#) to integrated with 12-lead diagnostic ECG featuring at,

- Quick power up in a matter of seconds.
- Enter Patient data on large touch screen.
- Place, review ECG measurement and advisory interpretation results.
- Store, export or print completed 12 lead ECG. Quickly wipe down for next exam.
- Portable and easy to use anywhere,

Wincomm self-innovated the medical PC, WMP-22P series with swappable batteries and this power output card solution to enable this application sustaining up to 30 watts. Moreover, to integrate unique 12-lead solution, this solution kit has pass medical certification and under planning to renew FDA. Thus it is ready to use for paramedics for cardiovascular disease diagnose.

For more product information, please visit the Wincomm website at

[Medical-Cart-Swappable-Battery-Series](#)