

Hardware technology- module

- ♦ 4+1 functional module slot, supports full-module random combination, automatic identification with software, and interface dynamic combination (picture attached)

Diversified Datalys™ 730 6-parameter plug-in module



- ♦ Datalys™ 730 with in-sit 4.3" LCD display, coped with independent operating system which can be used either for Datalys™ 790 plug-in module or as a separate monitor.
- ♦ Datalys™ 730 used together with Datalys™ 790 can display double screens simultaneously.
- ♦ Patient data can be swapped between the Datalys™ 730 and Datalys™ 790, such that Datalys™ 730 can help to realize the data transfer and to share data between itself and the Datalys™ 790.
- ♦ Datalys™ 730's built-in 2600mAh lithium cell can support heat transfer with the power on, thereby transferring patients' monitored information without any obstacle.
- ♦ Datalys™ 730 6-parameter module: electrocardiography/ heart rate/ respiratory rate/ body temperature/ pulse oxygen saturation.

1

- ♦ ECG twelve channel electrocardiograph technology
With CardioTec™ twelve channel electrocardiograph it can display 12-channel electrocardiographic wave simultaneously. The accurate measurements can help doctors give a good diagnosis. A common mode rejection ratio (CMRR) can reach 105db such that it has an extreme ECG interference free capability. It can also analyze heart rate and sound an alarm if necessary.

2

- ♦ SPO₂ pulse oxygen saturation technology
Gold standard OxiMax® pulse oxygen saturation system in the worldwide blood oxygen monitoring field is ensured to take a leading position in the technology with its unique LoSat™ technique thereby ensuring the widest range of accuracy to extend its accurate measurement range to 60%-100%. The special SatSeconds™ intelligent alarm management system can effectively reduce false alarm in order to relieve workload on the medical personnel.

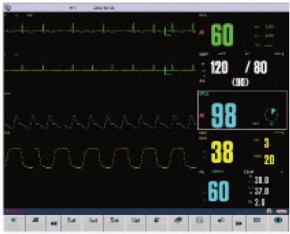
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- ♦ NIBP, non-invasive blood pressure technique allows Datalys™ 790's accuracy to reach world-leading level in the light of blood pressure measurement.



IBP invasive blood pressure module

- ◆ By using US Abbott/ Medex invasive blood pressure attachment it can monitor arterial pressure, pulmonary arterial pressure, central venous pressure, and intracranial pressure, etc.



EtCO₂ respiration CO₂ module

- ◆ To work with US RESPIRONICS, we chose mainstream/ sidestream (miniflow) CO₂ module. Small in size, durable and lightweight, the mainstream sensor can be used to provide all intubated patients from new born child to adults for an accurate reliable CO₂ monitoring. It can be automatically corrected. An LoFlo side flow probe (without dewatering bottle) is used to monitor non-intubated patients. Its flexible and compact CO₂ sensor can provide adults, children, and newborn babies with a continuous and reliable CO₂ monitoring. Sampling rate (miniflow) is ≤50mL/min.



AG anesthetic gases module

- ◆ Collaborating with Sweden's PHASEIN, an advanced anesthetic gases module is able to monitor eight different gases (O₂, CO₂, N₂O, ENF, ISO, DES, SEV, & HAL). It can automatically identify what kind of anesthetic gas is in use, characterized by its short period of preheat time and long service life as well as MAC value provided (minimum alveolar concentration).

