

## Why do we choose specialized neonatal monitor?

- Because of its function
- Because of its accuracy
- Because of the safety it provides
- Because of its easy operation
- Because of its focus on neonates

Neonates are a very special group whose BP, ECG and SpO2 are of great differences from the adult's. Measurement of ECG, HR and RESP is usually inaccurate when using traditional monitors. Also inexperienced nurses always accidentally adopt adult mode to measure neonate's blood pressure, which will easily bruise neonate's arm. Based on neonate's needs, Comen creates the world's first specialized neonatal monitor, which is safer, more accurate, more stable and more convenient.

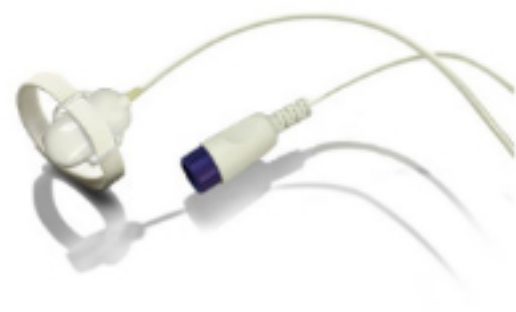
Item	Adult (general)	Neonate (general)	Why to choose specialized C60	
BP	SBP DBP	90 ~ 100mmHg 60 ~ 90mmHg	70 ~ 82mmHg 30 ~ 38mmHg	Use adaptable digital signal processing, creatively use 0~150mmHg low BP Adap-Dsp algorithm to ensure accuracy.
	Cuff pressure	1st inflation pressure	1st inflation pressure	If use adult mode to measure neonate, 160mmHg cuff pressure might hurt its arm, only neonatal measurement mode.
ECG	HR RESP ECG signal	60 ~ 100bpm 16 ~ 18bpm Strong, low frequency	120 ~ 160bpm 40 ~ 45bpm Weak, high frequency	Regarding neonate's high HR/RESP and weak ECG signal, Comen specially develops ExNeo® ECG Technology, only for neonates.
	Peripheral arterial perfusion index	3% ~ 5%	0.05% ~ 2%	Masimo SpO2 technology guarantees accurate measurement during weak perfusion and motion.
Apnea self-saving	No	Yes	Detect apnea symptom, activate alarm and self-save the baby before staffs get there	
O2 concentration Monitoring	No	Yes	Real time monitoring of oxygen concentration inside the incubator, which is very important.	
Accessory	1cuff, 1 SpO2 detector	4 cuffs, 2 SpO2 detectors	Neonate's are different from adult's.	
User	Professionals from different apartments	Professionals from Neonatology	Love and only love C60's focus	

## Specialized Neonatal Monitor C60



### Innovative functions >>

#### Adap-DSP (Adaptable digital signal processor)



#### Apnea self-saving function

The exclusive apnea self-saving function can stop sleep apnea and relieve neonate of the danger so as to fully care for them.

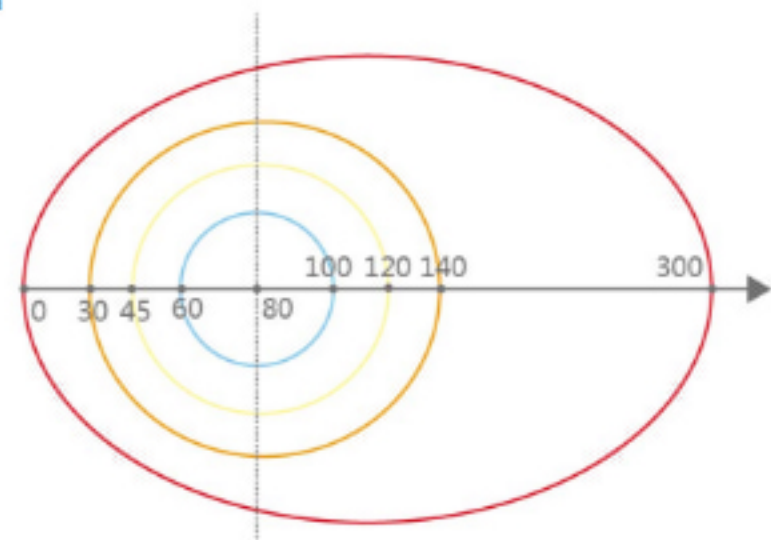


#### Oxygen concentration monitoring

Through oxygen sensor monitoring the oxygen concentration, medical staff can learn at any time the change of oxygen concentration inside the incubator.

#### I-KLOK® Intelligent Alarm

- E.g.: HR alarm setting
- Normal 60 ~ 100
  - Mild 45 ~ 59 ; 101 ~ 119
  - Moderate 31 ~ 44 ; 120 ~ 139
  - Severe < 30 ; > 140



### Accuracy >>



#### ExNeo® ECG Technology

According to neonate's HR features, use Comen's latest ExNeo® ECG Technology to guarantee the accuracy of measurement. Use anti-motion RESP measuring technology, with apnea alarm. Specialized neonatal ECG cable and electrodes pass.

### Safety >>



#### Adap-DSP® (Adaptable digital signal processor)

160mmHg cuff pressure will easily bruise neonate's arm when adult mode is accidentally used to measure neonate's BP. The one and only measurement mode in C60 can avoid such negligence. Regarding neonate's low BP and weak perfusion, use Adap-DSP® to make BP measurement more accurate.

### Operability >>

#### Handwriting input

Touch screen, support handwriting input.

