



ES-nCPAP 300

Nasal CPAP Unit



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ES-nCPAP 300



Nasal CPAP Unit

Cod. **ES-nCPAP 300**



The ES-nCPAP 300 is a sophisticated system for providing a blend of gases to the baby in the neonatal ICU, in the delivery room and during transport. It mixes air accurately with oxygen and pressurises it before delivering it to the infant. The continuous gentle pressure of the air from the ES-NCPAP 300 keeps the alveoli of the baby's lungs open throughout the breathing cycle and enables efficient capillary exchange of oxygen and carbon dioxide to take place. The pressure recruits areas of the lung that are collapsed. It increases the amount of air remaining in the lungs at the end of a breath (the functional residual capacity). The supply of pressurised air reduces the baby's work of breathing (WOB).

The ES-nCPAP 300 operational height has been ergonomically designed, and the equipment is remarkably easy to calibrate and operate.

The ES-NCPAP 300 has provisions to support humidifiers and intravenous fluids and to handle hoses.

The friendly looks of the ES-NCPAP 300 will be appreciated in any hospital setting. Treatment with the ES-NCPAP 300 provides a less intrusive option to intubation and mechanical ventilation.

• Features

- Clear and distinct display of respiratory parameters
- Electronic Oxygen Blending
- FiO2 Monitor with Alarm
- 1% FiO2 Display resolution
- Pressure Monitor with Alarm
- High pressure "Shut Down" Alarm
- Integral Apnea Monitoring with Alarm
- Range of sizes of nasal prongs and head bonnets for optimal fitting of individual patients
- Lightweight patient interface eliminating nasal septum damage
- Patient Interface can be designed based on country specific requirement
- Versatile : can be configured for both Flow Driven and Bubble CPAP
- Digital Flow Control External Watch dog Timer
- Real Time Clock
- Compatible with different circuits available in the market

• Standard accessories

- Height adjustable IV Pole
- Three Sets of Single-use Patient Circuits
- Three disposable generators
- Three nasal prongs (one each of S, M and L sizes)
- Three bonnets (one each of S, M and L size)
- One air hose
- One oxygen hose



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