

# APDN-01

## Breath support device for neonates



Noninvasive respiratory breath support device for neonates - APDN-01-UOMZ is intended for newborns respiratory therapy in CPAP - continuous positive airway pressure.

By means of nasal cannulas there is created continuous positive pressure in newborn airways (up to 12 cm of water column, oxygen and air mixture consumption up to 15l/min) that prevents falling of respiratory bags, as well as stimulates premature neonate respiration. The APDN-01-UOMZ reduces the risk of development of chronic lung diseases. The device is used in obstetrics hospitals, perinatal centers, specialized centers and Research institutes of maternity and child protection.

### Advantages

- Gas mixtures monitoring
- Pole with fixation elements for the humidifier
- Compact size
- Variable flow generator

### Technical characteristics

Pressure at the blender inlet . . . . .	Oxygen – 0,35 ±0,15 MPa (3,5 ±1,5atm) Air – 0,35 ±0,15 MPa (3,5 ±1,5atm)
Mixture pressure at outlet . . . . .	0-15s mbar
Oxygen concentration in mixture . . . . .	21-100 %
Mixture consumption . . . . .	0-15 l/min
Blender weight . . . . .	2,7 kg
Pole weight . . . . .	6 kg
Blender overall dimensions . . . . .	320x190x230 mm
Pole height . . . . .	635x365x1350 mm