



## BM-03 BABY BREATHING MONITOR

JABLOTRON ALARMS is a **leading European player in the field of alarm systems**. We have been developing and producing alarm systems with an emphasis on the user comfort of our products **for over 30 years**. We provide state-of-the-art solutions for the protection of property, health and safety of our customers. Since 2000, we have been manufacturing breathing monitors under the Nanny brand, which closely monitor babies **in the home environment and in hospitals around the world**.



The company holds **ISO 9001 quality management system certification** for the development, manufacture, and sale of electronic alarm systems. Additionally, it holds an **ISO 13485 quality management system certification** for the development manufacture and sale of active non-implantable **medical devices**.

The device comprises two components – a control unit that can be conveniently attached to a child's bed, and a sensor pad positioned beneath the mattress. To ensure utmost reliability, the device conducts **an automatic functionality test** each time it is switched on. This **non-invasive device** allows the baby complete freedom of movement. One of its key benefits is its power source – **two included AA batteries**. Additionally, it does not require Wi-Fi and emits no radiation, making it a safe choice for monitoring your child.

The BM-03 is a next-generation breathing monitor with innovative features.

Installation is easy and can be done by anyone.



### How does Nanny work?

The breathing monitor provides early warning of a decrease in the baby's breathing rate and warns of potential danger in the form of respiratory arrest.

Each time the child breathes in, the green light flashes. If the baby **does not breathe in for 20 seconds or the breathing rate falls below 8 breaths per minute**, the red light will turn on and an alarm will sound.

Frequently, the mere sound of an alarm is enough to wake a child from a deep sleep and make them breathe.

The international mission of the Nanny brand is to **spread information how to properly provide first aid to children**.

Detailed information about breathing monitors can be found on the [www.monitornanny.com](http://www.monitornanny.com) website.



# BM-03 BABY BREATHING MONITOR

Equipped with a **night light** that gently illuminates the room to create a comfortable environment. The smart device also acts as a **temperature indicator**, signalling an uncomfortable room temperature. With a **Day and Night mode** function, the BM-03 ensures a restful sleep and gives you peace of mind throughout the night. Moreover, it provides **the option to connect a second sensor pad**, expanding the monitoring area. The BM-03 Baby Breathing Monitor tracks the number of hours the monitor has been in operation as an auxiliary data. If the sensor pad has probably exceeded the specified period of use, 3x warning beeps sound during each automatic functionality test.

BM-03 is a certified Class IIb medical device designed to monitor the breathing of a child. It is suitable for babies from 1 kg in weight.

## Package contents



Control unit



Sensor pad  
with connecting cable



Batteries



Clip for  
hanging



Velcro,  
control unit  
holder



Stand

## Technical specifications

Power supply	3 V 2x1.5 V AA LR6 size alkaline batteries
Standby current	0.2 mA
Alarm current	100 mA
Battery low indication level	2.46 V ± 0.15 V
Monitored breathing frequency	<8 breaths/min (i.e. <0.13 Hz)
Average battery life - home health care	6 months (this is reduced with frequent alarm testing and using the lamp)
Average battery life - health care providers	4 months (this is reduced with frequent alarm testing and using the lamp)
Acoustic alarm level	80 dB.m-1 ± 5 % dB.m-1
Measuring range for room temperature	-40 °C to +85 °C with an accuracy of ± 0.2°C
Sensor pad	Type BM-03D, dimensions max. 300 × 500 × 15 mm, weight: 1000 g, material: PVC-P, cable length 1.2 m
Life span of the sensor pad	2 years or 14600 h since its first use
Control unit	Dimensions max. 140 × 82 × 37 mm, weight 125 g + batteries
Life span of the control unit	10 years
Life span of the device	10 years under the condition of replacing the sensor pad after its life span (i.e. every 2 years)
Operating conditions	+5 °C to +40 °C, RH 15 % - 93 %, 700 hPa - 1200 hPa
Transport and storage	0 °C to +70 °C, RH 10 % - 85 %, 700 hPa - 1200 hPa



Certified  
medical device



Day / night mode,  
night light



Temperature  
indicator



Option to connect  
a second sensor pad



Removal  
detection

C-EN03NAN24020