

# SPHYGMOMANOMETER NISSEI **DM-3000**



High-precision  
measurement – with  
**selective** auscultatory  
or oscillometric  
method

## Two-in-One

Multi-featured Sphygmomanometer with  
non-mercury column and digital display

**NISSEI**

# Time for a New Routine

An advanced two-in-one sphygmomanometer  
to ensure highly accurate measuring results – doubly  
secure thanks to its non-mercury column and digital display

A superior multi-featured sphygmomanometer that meets the most exacting of expectations in all regards is now available for practising doctors and clinics. The Nissei DM-3000 meets all the requirements that can be expected of a modern measuring instrument serving basic diagnostics – and optimises and accelerates measurement. Its high degree of flexibility makes it suitable for all patients and measuring conditions. Reliable, fast, medically accurate and free of components such as venous mercury or interference-prone gear wheels, the long-awaited alternative to mechanical aneroid or Riva-Rocci sphygmomanometers is here at last.



- **Can be alternatively used for oscillatory or oscillometric blood pressure measuring**

Depending on the type of patient, the measuring conditions and the preferred means of operation, the Nissei DM-3000 allows you to select the blood pressure measuring method: traditional measurement with stethoscope recommended in the case of, e.g. arrhythmia; oscillometric measurement e.g. in a noisy environment.

- **With precise and reliable measuring results**

The verified oscillometric algorithm assures consistently accurate results as regards automatic measuring as well. **For both measuring methods, pressure reading is accurate to  $\pm 3\text{mmHG}$** , which means that this instrument is as accurate as the mechanical devices used, for example, by the emergency medical services.

- **Mercury-free bar LCD and numeric digital display**

The systolic and diastolic blood pressure values are simultaneously displayed both on a mercury-free, high-resolution segment LCD that provides excellent readings from every angle, as well as a digital display. The digital display also shows real-time pulse rate during the measuring of the current blood pressure and the exhaust speed.

- **Extra-long and standard-width cuffs**

With the standard-width and the extra-long cuffs you can cover all arm widths. The extra-long cuff fits overweight patients as well. **In the case of a complicated patient, any cuff, large or small, reusable or disposable, may be used, together with a manual pump for pressure monitoring.**

- **Extra-fast inflation and flexible air-release**

A powerful, automatic double-pump inflates large cuffs especially fast, in order to avoid artery congestion. The tandem electronic control valve enables air release speed control for a wide range of cuff sizes, from small to large, and facilitates auscultatory measurement.

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## Specifications

CE-MDD	Class II a
Function	Automatic blood pressure and pulse rate monitoring Automatic cuff pumping and regulated air release Electronic air pressure gauge
Automatic blood pressure monitoring	Cuff Oscillo-Metric method, upper arm Arm size: Standard cuff 22-32 cm Large cuff 32-42 cm Systolic: 50-250 mmHG Diastolic: 40-180 mmHG
Automatic pumping and regulated deflation	Inflation: Max 280 mmHG, Min. 100 mmHG Deflation: preset 2.5, 4.5, or 6.5 mmHG/Sec
Pressure gauge	0-300 mmHG, at 1mmHG resolution, +/- 3mmHG accuracy
Power source	Rechargeable Ni-MH battery 4.8V with AC adapter 7V
Power consumption	14W max (with automatic sleep function)
Operating ambient	+10 to +40 °C / 85% RH or below
Storing ambient	-5 to +50 °C / 85% RH or below
Physical dimensions	136 W, 206 D, 276 H, 1000g including cuff container, without battery
Cuff cover	Durable cotton, easy to clean or disinfect

NISSEI is a world-leading manufacturer of health monitoring equipment. With its decades of experience, the company has developed a range of user-friendly products, which – owing to their outstanding quality and highly innovative nature – enjoy an excellent reputation among healthcare professionals and patients alike.

The NISSEI logo consists of the word "NISSEI" in a bold, blue, sans-serif font. To the right of the text is a stylized graphic element consisting of several vertical blue lines of varying heights, resembling a bar chart or a signal waveform, with a small red triangle pointing to the right at the top of the tallest line.



**NISSEI**

DM-3000



No. 1  
SYS 144 mmHg  
DIA 98 mmHg  
60 PUL/min

LOW BATTERY  
POWER  
AC  
PRESET PRESSURE  
140 180 220 280  
PUMP OFF  
MANUAL  
AUTO

SET / MEMORY

START / STOP