



Ambulatory Blood Pressure Monitors

Hearts Deserve
the Best Holters

ABPM-04

basic ambulatory BP monitor

ABPM-04 is a simply reliable ambulatory blood pressure monitor, which provides all the basic features needed for controlling hypertension.

ABPM-04 benefits

- meets BHS and AAMI accuracy criteria, recommended by dabl®
- sleep-friendly algorithm
- free, all-inclusive software





ABPM-05

light ambulatory BP monitor

ABPM-05 is among the smallest and lightest ambulatory BP monitors on the market, which provides information on blood pressure variability, overnight dipping and morning surge.

ABPM-05 benefits

- meets BHS and AAMI accuracy criteria, recommended by dabl®
- sleep-friendly algorithm
- IP22 water-resistance rating
- manual programming option
- small & lightweight
- free, all-inclusive software

card(X)plore

**multifunctional ABPM,
Holter ECG & activity monitor**

As hypertension is the most common risk factor for cardiovascular diseases, it is important to assess blood pressure and ECG data at the same time.

card(X)plore benefits

- 3 in 1: complex ABPM, 3-channel Holter ECG & activity profile
- free, all-inclusive software





apneABP

multifunctional ABPM,
SpO₂ & activity monitor

Obstructive sleep apnea syndrome (OSAS), a sleep-related breathing disorder, is an independent risk factor for hypertension.

Consequences of undiagnosed OSAS



10-32x

increase in cardiovascular mortality



15-20x


increase in sleep-related traffic accidents



7-10x

increase in cerebrovascular mortality





Ambulatory blood pressure measurement gives information over and above conventional blood pressure measurement.

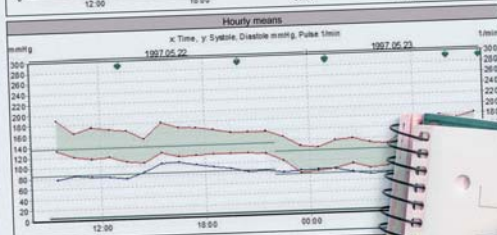
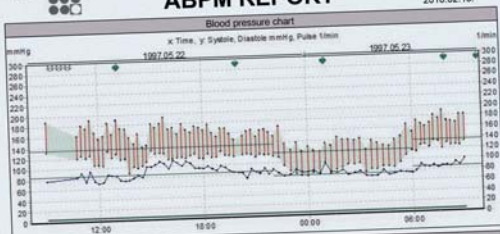
Why is an ABPM needed?

- for a more accurate BP profile
- to avoid the effects of white coat hypertension
- to record nighttime BP, a major health risk indicator
- to lower the chance of misdiagnosis
- for better drug treatment

EasyABPM & CardioVisions

Free software solutions both for busy general practitioners and researchers

Specifications	ABPM-05	ABPM-04	card(X)plore	apneABP
software	EasyABPM, CardioVisions		CardioVisions	
ABPM analysis	4 adjustable sampling periods, SYS & DIA BP, MAP, pulse rate, min-max values, PP, SD, PTE, hypertension load, diurnal index, morning surge, statistics, histograms, correlations			
Holter ECG analysis	—		beat-by-beat ECG annotation, arrhythmia, HRV, PQ, QT, ST & PM analysis, event distribution	—
apnea analysis	—		—	full SpO ₂ profile with pulse wave forms
actigraphy	—		✓	
customizable & printable report	✓			



Specifications	ABPM-05	ABPM-04	card(X)plore	apneABP
dimensions	98*69*29 mm	124*82*33,5 mm		
weight (excl. batteries)	190g	250g		
memory	internal		external (a card reader unit is needed for retrieving data)	
data transfer	USB optical cable			
power supply	2 AA batteries	4 AA batteries		
operation	up to 51 hrs			up to 27 hrs
ABPM analysis	meas. method: oscillometric; meas. range: 30–260 mmHg, pulse: 40–200 bpm; passive accuracy: ± 3 mmHg or 2% of the measured value			
Holter ECG analysis	-		3 channels (7 leads); sampling: 600 HZ; A/D resolution: 12 bit; storage: 300Hz	-
apnea analysis	-		SpO ₂ sampling, measurement range & accuracy: 4 beat average, 0–100%, $\pm 3\%$ (70–100% SpO ₂)	
actigraphy	-		2-axis; sampling: 10 Hz; sensitivity: 0,01g	
conformity certificate	CE, FDA		CE	
validations	algorithm validated to BHS & AAMI protocols			

About Meditech

Meditech has been developing medical grade ambulatory blood pressure monitors, Holter ECGs and software solutions for analyzing the risk factors of cardiovascular diseases since 1990.

Our customers include resellers, medical professionals, researchers and pharmaceutical companies.

In a world focused on things, we focus first on people.



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