

CONTEC ABPM50

CONTEC ABPM50 Handheld 24-hour Blood Pressure Monitor User Manual

Brand: CONTEC | Model: ABPM50

1. INTRODUCTION

The CONTEC ABPM50 is a handheld ambulatory blood pressure monitor designed for continuous and dynamic blood pressure monitoring over a 24-hour period. Utilizing oscillography theory, this device provides an accurate basis for diagnosis by recording up to 350 groups of NIBP data in automatic mode and up to 300 groups in manual mode. Its compact and portable design, combined with a user-friendly interface and a high-definition color TFT display, ensures strong visibility and ease of use. The ABPM50 supports communication with a PC for data review, analysis, trend graph visualization, and report printing, making it a comprehensive tool for health monitoring.



Figure 1.1: Front view of the CONTEC ABPM50 monitor displaying blood pressure readings.

2. PACKAGE CONTENTS

Upon unpacking, please verify that all components listed below are present and in good condition:

- CONTEC ABPM50 Main Unit
- Adult Blood Pressure Cuff
- USB Communication Cable
- User Manual
- Carrying Pouch
- Software CD (or download instructions)



Figure 2.1: All included components of the ABPM50 system.

3. INITIAL SETUP

3.1 Powering the Device

The ABPM50 is powered via a corded electric connection, typically through a USB cable for charging its internal battery. Connect the provided USB cable to the device and a suitable power source (e.g., a computer USB port or a USB wall adapter). Ensure the device is fully charged before initial use for optimal performance, especially for 24-hour monitoring.

3.2 Attaching the Blood Pressure Cuff

Connect the air tube from the blood pressure cuff securely to the air port on the side of the ABPM50 main unit. Ensure the connection is firm to prevent air leakage during measurement. The cuff is designed for adult, pediatric, and neonate use, with the included cuff being suitable for adults. Proper cuff placement is crucial for accurate readings. Position the cuff on the upper arm, ensuring the artery marker aligns with the brachial artery. The cuff should be snug but not overly tight, allowing two fingers to fit underneath.

4. OPERATING INSTRUCTIONS

4.1 Device Controls

The ABPM50 features a clear TFT display and intuitive buttons for navigation and operation:

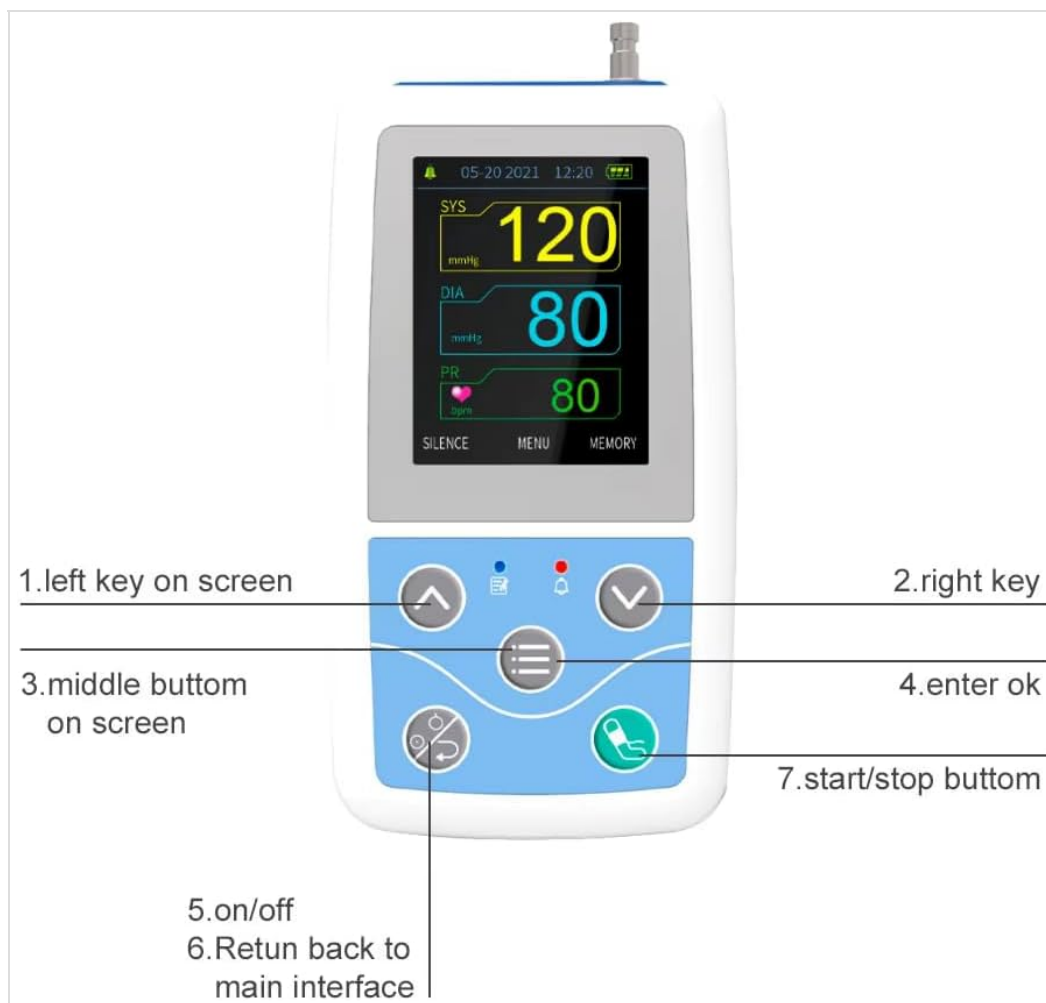


Figure 4.1: ABPM50 button layout and functions.

- **Left Key (on screen):** Used for navigating menus or decreasing values.
- **Right Key (on screen):** Used for navigating menus or increasing values.
- **Middle Button (on screen):** Typically for menu access or selection.
- **Enter OK:** Confirms selections.
- **On/Off:** Powers the device on or off.
- **Return to Main Interface:** Navigates back to the main display.
- **Start/Stop Button:** Initiates or stops a blood pressure measurement.

4.2 Measurement Modes

The ABPM50 supports both automatic 24-hour monitoring and manual single measurements.

- **Automatic (24-hour) Monitoring:** This mode allows for continuous blood pressure recording over a 24-hour period. The device can record up to 350 groups of NIBP data. Before starting, ensure the device is fully charged and the cuff is correctly positioned. Configure the measurement intervals through the device's menu or via the PC software. Press the Start/Stop button to begin the 24-hour monitoring session.
- **Manual Measurement:** For a single, on-demand blood pressure reading, ensure the cuff is properly applied. Press the Start/Stop button to initiate a measurement. The device will inflate the cuff, take the reading, and display the results. Up to 300 groups of data can be recorded manually.

During measurement, remain still and avoid talking for accurate results. The device will automatically deflate the cuff once the measurement is complete.

5. PC SOFTWARE FUNCTIONALITY

The CONTEC ABPM50 can connect to a PC via its USB interface to manage and analyze recorded data. The accompanying software provides comprehensive features for data interpretation:

- **Data Download:** Transfer NIBP measurement results from the device to your computer.
- **Data Review and Analysis:** View and analyze measured results, including scoop-shape trend graphs, filling-type trend graphs, histograms, pie charts, and correlation line graphs.
- **Report Printing:** Generate and print detailed reports of your blood pressure data.
- **Data Editing:** Edit individual NIBP data entries and add annotations for personalized tracking.
- **Information Management:** Edit basic patient information, doctor's advice, NIBP status instructions, and current medication information.



Figure 5.1: Overview of the PC software functions for the ABPM50.

Note: If the software CD is not included, please contact CONTEC customer support for download instructions or a direct download link. Some users have reported needing to contact support to obtain the software.

6. MAINTENANCE AND CARE

6.1 Cleaning

To clean the ABPM50 main unit and cuff, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap

can be used, followed by drying thoroughly. Do not use abrasive cleaners, solvents, or immerse the device in water. Ensure no liquid enters the device openings.

6.2 Storage

Store the device in a cool, dry place, away from direct sunlight, extreme temperatures, and high humidity. Use the provided carrying pouch to protect the device from dust and physical damage when not in use. Avoid placing heavy objects on the device.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your CONTEC ABPM50. If the problem persists, please contact customer support.

Problem	Possible Cause / Solution
Inaccurate Readings	Ensure proper cuff placement and size. Remain still and quiet during measurement. Avoid caffeine, exercise, and smoking before measurement.
Device Not Powering On	Check battery charge. Ensure USB cable is properly connected for charging. If the power button is unresponsive, contact support.
Cuff Does Not Inflate/Deflate Properly	Check for kinks or blockages in the air tube. Ensure the cuff is securely connected to the device. Verify the cuff is not damaged.
"No Data Found" Message After Download	This message may appear even if data was successfully downloaded. Verify data presence within the PC software. Re-attempt download if necessary.
Difficulty with PC Software Installation/Use	Ensure your operating system is compatible. Temporarily disable antivirus/firewall if installation issues occur. Contact CONTEC support for software download links or technical assistance.
"PROMPT SOUND" Menu Password	The password for the "PROMPT SOUND" menu is 8015 .

For issues not covered here, or if troubleshooting steps do not resolve the problem, please refer to the warranty and support section for contact information.

8. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	new style ABPM50

Feature	Detail
Item Model Number	ABPM50
Product Dimensions (L x W x Th)	9.65" x 2.56" x 5.63"
Item Weight	1.9 Pounds
Brand	CONTEC
Power Source	Corded Electric
Display Type	TFT Color Display
Included Components	Cable, Cuff
Age Range (Description)	Adult, child
Measurement Range	Adult, Pediatric, Neonate (with appropriate cuffs)
Data Storage Capacity	Up to 350 groups (automatic), 300 groups (manual)

9. WARRANTY AND SUPPORT

9.1 Product Warranty

The CONTEC ABPM50 comes with a one-year warranty from the date of purchase. CONTEC is committed to taking full responsibility for any quality problems that may arise within this one-year period. This warranty covers defects in materials and workmanship under normal use.

9.2 Customer Support

For any questions, technical assistance, troubleshooting beyond this manual, or warranty claims, please contact CONTEC customer support. When contacting support, please have your product model number (ABPM50) and purchase details ready to facilitate faster service. You can typically find contact information on the CONTEC official website or through your point of purchase.

Note: Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition. This device is intended for monitoring purposes.

Related Documents

	Contec Medical Systems Product Catalog - Patient Monitors and Medical Devices Contec Medical Systems offers a comprehensive range of medical instruments, including advanced patient monitors, handheld ECG and SpO2 monitors, and central monitoring systems. Learn about their commitment to innovation, quality, and OEM services.
	Holter de Presión Arterial Contec ABPM50: Especificaciones y Características Información detallada sobre el Holter de Presión Arterial Contec ABPM50, incluyendo especificaciones técnicas, características y uso para pacientes adultos, pediátricos y neonatos.
	CONTEC CMS9000 Multi-parameter Monitor: Features and Specifications Detailed overview of the CONTEC CMS9000 Multi-parameter Monitor, highlighting its features, standard and optional parameters including ECG, NIBP, SpO2, Respiration, Temperature, EtCO2, CO, and IBP.
	CONTEC ESB0059 Pulse Oximeter Probe User Manual User manual for the CONTEC ESB0059 Pulse Oximeter Probe, detailing its intended use, performance specifications, directions for use, maintenance, warnings, and electromagnetic compatibility information for healthcare professionals.

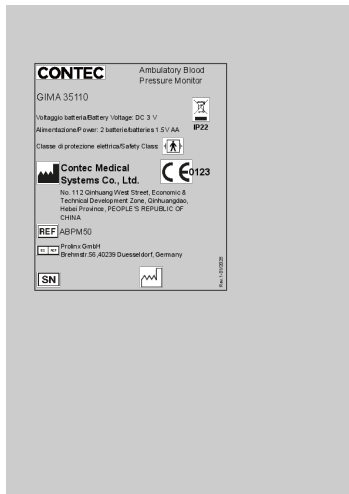
Documents - CONTEC – ABPM50



[Holter de Presión Arterial Contec ABPM50: Especificaciones y Características](#)

Información detallada sobre el Holter de Presión Arterial Contec ABPM50, incluyendo especificaciones técnicas, características y uso para pacientes adultos, pediátricos y neonatos.

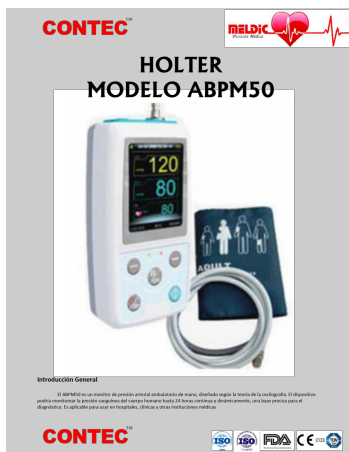
lang:es score:33 filesize: 393.21 K page_count: 1 document date: 2024-06-19



[GIMA ABPM50 Ambulatory Blood Pressure Monitor Technical Specifications](#)

Detailed technical specifications for the GIMA ABPM50 Ambulatory Blood Pressure Monitor, including manufacturer information, power requirements, and safety class.

lang:es **score:28** filesize: 441.91 K page_count: 1 document date: 2025-01-23



[\[pdf\]](#)

PH 206 Rodrigo Aguilar CONTEC ABPM50 meldic cl images area medica Holters |||

HOLTER MODELO **ABPM50** Introduccin General El **ABPM50** es un monitor de presin arterial ambulatorio de mano, diseado segn la teora de la oscilografa. El dispositivo podra monitorear la presin sangunea del cuerpo humano hasta 24 horas continua y dinmicamente, una base precisa para el diagnstico. Es aplic...

lang:es **score:27** filesize: 1.25 M page_count: 3 document date: 2018-03-13



[\[pdf\]](#) User Manual

Contec BP Monitor webshop s3 amazonaws backups single files dmi |||

Weekly Special Contec 24 Hour BP Monitor 27th - 31st August 2018 Contec Economy Model 24 Hour BP Mo ... Contains device, adult cuff 25-35cm , software, user manual and USB cable Additional cuffs: DMI-**ABPM50**-SM DMI-**ABPM50**-MED DMI-**ABPM50**-LRG Small Cuff 18-26cm Standard Cuff 25-35cm Large Cuff 33...

lang:en **score:27** filesize: 201.91 K page_count: 1 document date: 2018-08-27



[\[pdf\]](#) User Manual

Contec BP Monitor webshop s3 amazonaws backups single files dmi s |||

Weekly Special Contec Economy 24 Hour BP Monitor 28th May - 1st June 2018 Contec Economy Model 24 H ... Contains device, adult cuff 25-35cm , software, user manual and USB cable Additional cuffs: DMI-**ABPM50**-SM DMI-**ABPM50**-MED DMI-**ABPM50**-LRG Small Cuff 18-26cm Standard Cuff 25-35cm Large Cuff 33...

lang:en **score:27** filesize: 406.43 K page_count: 1 document date: 2018-05-28

МОНИТОР ПАЦІЄНТА

ABPM50

Дата: 2017.12
No.:1.2.03.08.521



[pdf]

МОНИТОР ПАЦІЄНТА АВРМ50 Дата 2017 12 No 1 2 03 08 521 АВРМ50 призначений для використання в електромагнітному середовищі якому радіовипромінювачі знаходяться під контролем Покупець або користувач повинен 274459980 content1 rozetka ua goods documents original 274459980 |||

ABPM50 : 2017.12 No.:1.2.03.08.521 I 1

.....1

1.1

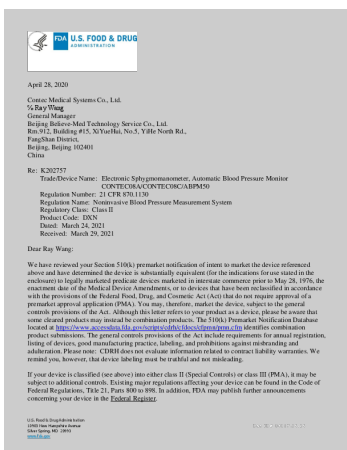
lang:i-klngon score:26 filesize: 1.44 M page_count: 43 document date: 2018-11-22

[pdf] Accessories

Download Contec SP750 Infusion Pump at best price CONTEC hospitalstore index dispatch attachments getfile attachment id 1924 |||

3/30/23, 3:57 PM Home Page New arrivals About Shipping Top Selling Hospital Care Infusion Pump ... 16,700.00 ADD TO CART Adult Large Cuff 33 to 47 cm Arm Adult singletube cuff For Patient Monitor/ABPM50/PM50 1 review Rs. 900.00 used for ABPM50/PM50 used for patient monitor ADD TO CART Re...

lang:en score:26 filesize: 1.43 M page_count: 3 document date: 2023-03-30



[pdf]

April 28 2020 Contec Medical Systems K202757 accessdata fda gov cdrh docs 20 |||

April 28, 2020 Contec Medical Systems Co., Ltd. Ray Wang General Manager Beijing Believe-Med Techno ... rade/Device Name: Electronic Sphygmomanometer, Automatic Blood Pressure Monitor CONTEC08A/CONTEC08C/ABPM50 Regulation Number: 21 CFR 870.1130 Regulation Name: Noninvasive Blood Pressure Measurement Sy...

lang:en score:26 filesize: 1.04 M page_count: 10 document date: 0000-00-00

JUL 27 201

Attachment 11510 k Summary

The 11510 Summary of 21 CFR 870.1130 and 870.1130 information is being submitted in accordance with the requirements of 21 CFR 870.1130 and 870.1130.

The original 11510 Summary is: [K110156](#)

1. Date of Submission: December 21, 2010

2. Sponsor:

CONTEC MEDICAL SYSTEMS CO., LTD.
No. 112 Qinhuang West Street, Economic & Technical Development Zone,
Qinhuangdao, Hebei Province, PEOPLE'S REPUBLIC OF CHINA
Development Zone, Qinhuangdao, Hebei Province,
PEOPLE'S REPUBLIC OF CHINA
Contact: Rongrong Tang
Phone: +86-22-8011188
Fax: +86-22-8011189
Email: tangrongrong@contec.com

3. Submitter's Contact:

Mr. John Smith, M.D., M.P.H.
M&L Lab, Inc.
715 N. 1st Street, Suite 100, St. Paul, MN 55101
Tel: +1-612-338-1111
Fax: +1-612-338-1112
Email: john@mlab.com

4. Proposed Device Name:

Proposed Device Name: Automatic Blood Pressure Monitor
Proposed Device Model: ABPM50
Classification: Class II
Product Code: 2100
Regulatory Control: 21 CFR 870.1130
Device Name: Automatic Blood Pressure Monitor
Device Name: Automatic Blood Pressure Monitor

ABPM50 Summary of 21 CFR 870.1130 and 870.1130 information is being submitted in accordance with the requirements of 21 CFR 870.1130 and 870.1130.

1

[pdf]

K110156 accessdata fda gov cdrh docs 11 |||

Additional Information I KI 10156 -Attachment 11510 k Summary Attachment 11 510 k Summary JUL 272 ... Device Identification Proposed Device Name: Automatic Blood Pressure Monitor Proposed Device Model: **ABPM50** Classification: Class II Product Code: DXN Regulation Number: 21 CFR 870.1130 Review Panel: C...

lang:en score:20 filesize: 140.3 K page_count: 6 document date: 0000-00-00

[pdf] User Manual

1 fm contec GIMA BLUTDRUCK UND HERZFREQUENZMESSGERÄTde comunicaciones portátil RF incluidos los periféricos como cables de antena y A descrição deste Manual do utilizador está acordo com a situação M35110MULTI gima Italy Documenti GIMA Manuali MULTI M35110MULTI ||| PROFESSIONAL MEDICAL PRODUCTS GIMA BLUTDRUCK- UND HERZFREQUENZMESSGERT Benutzerhandbuch ACHTUNG: Di ... Technical Development Zone, Qinhuangdao, Hebei Province, PEOPLE S REPUBLIC OF CHINA Made in China **ABPM50** Prolinx GmbH Brehmstr. 56, 40239 Dsseldorf, Deutschland Gima S.p.A. Via Marconi, 1 - 20060 Ge...

lang:de score:19 filesize: 4.83 M page_count: 925 document date: 2025-01-23

[pdf]

contec M35110IT gima Italy Documenti GIMA Manuali IT |||

M35110-IT-Rev.4-09.23 ARTICOLI APPARECCHI PER MEDICINA HOLTER PRESSORIO GIMA Manuale d uso ATTENZIONE: Gli operatori devono leggere e capire completamente questo manuale prima di utilizzare il prodotto. **ABPM50** Gima 35110 CONTEC MEDICAL SYSTEMS CO., LTD No.112 Qinhuang West Street, Economic Te...

lang:it score:11 filesize: 5.08 M page_count: 116 document date: 2023-09-01

[pdf] User Manual

HOLTER DE PRESIÓN ARTERIAL GIMA ABPM CON 8 juin 2024 — Lea atentamente el Manual de Usuario antes utilizar este producto El que describe los procedimientos operación debe ser seguido 103 pages

M35112ES gima Italy Documenti GIMA Manuali ES |||

PROFESSIONAL MEDICAL PRODUCTS HOLTER DE PRESIN ARTERIAL GIMAABPM CON BLUETOOTH Manual de usuario ATENCIN: Los operadores tienen que leer y entender completamente este manual antes de utilizar el producto. M35112-ES-Rev.0-05.24 **ABPM50** Gima 35112 CONTEC MEDICAL SYSTEMS CO., LTD No.112 Qinhuang Wes...

lang:es score:11 filesize: 3.48 M page_count: 103 document date: 2024-05-31



Contents		
1	Urinalysis	2
2	Gloves	3 - 7
3	Hand Hygiene	8 - 11
4	Infection Control	12 - 14
5	Hygiene & Protection	15 - 17
6	Disposables	18 - 20
7	Dressing & Woundcare	21 - 36
8	Wound Closure	37 - 41
9	Disposable Procedure Packs	42 - 44
10	Single Use Instruments	45 - 50
11	Injection & Infusion	51 - 56
12	Women's Health	57 - 58
13	ECG Equipment & Consumables	59 - 64
14	HR Testing	65 - 67
15	Ear Care	68 - 70
16	Diagnostic Equipment & Accessories	71 - 86
17	Minor Surgery	87 - 91
18	Respiratory Care	92 - 96
19	Sterilisation	97 - 98
20	Surgery Furniture & Equipment	100 - 114
21	Pharmacy	115 - 119
22	Emergency & First Aid	120 - 127
23	Index	128 - 133

[\[pdf\]](#) Accessories Catalog

Mini Medical Catalogue 2017 hiberniamedical ie 2019 10

Contents 1 1 Urinalysis 2 2 Gloves 3 - 7 3 Hand Hygiene 8 - 11 4 Infection Control 12 - ...
ormation and measurement data as well as adding advice Print reports where necessary
Contains: 1 x **ABPM50** device 1yr warranty , adult cuff 25-35cm Software, user manual,
USB cable Battery Set 4 x...

lang:en score:11 filesize: 18.04 M page_count: 134 document date: 2019-10-24

Contents		
1	Urinalysis	2
2	Gloves	3 - 7
3	Hand Hygiene	8 - 11
4	Infection Control	12 - 14
5	Hygiene & Protection	15 - 17
6	Disposables	18 - 20
7	Dressing & Woundcare	21 - 36
8	Wound Closure	37 - 41
9	Disposable Procedure Packs	42 - 44
10	Single Use Instruments	45 - 50
11	Injection & Infusion	51 - 56
12	Women's Health	57 - 58
13	ECG Equipment & Consumables	59 - 64
14	HR Testing	65 - 67
15	Ear Care	68 - 70
16	Diagnostic Equipment & Accessories	71 - 86
17	Minor Surgery	87 - 91
18	Respiratory Care	92 - 96
19	Sterilisation	97 - 98
20	Surgery Furniture & Equipment	100 - 114
21	Pharmacy	115 - 119
22	Emergency & First Aid	120 - 127
23	Index	128 - 133

[\[pdf\]](#) Accessories Catalog

Mini Medical Catalogue 2017 1 Low Res webshop s3 amazonaws backups single files dmi s |||

Contents 1 1 Urinalysis 2 2 Gloves 3 - 7 3 Hand Hygiene 8 - 11 4 Infection Control 12 - ...
ormation and measurement data as well as adding advice Print reports where necessary
Contains: 1 x **ABPM50** device 1yr warranty , adult cuff 25-35cm Software, user manual,
USB cable Battery Set 4 x...

lang:en score:11 filesize: 12.77 M page_count: 134 document date: 2017-11-30

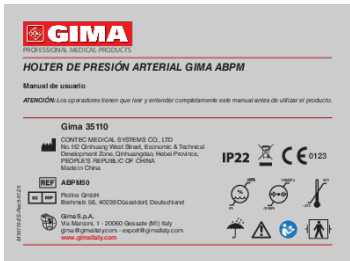
[\[pdf\]](#) User Manual

1 fm contec HOLTER DE PRESIÓN ARTERIAL GIMA ABPM El equipo utiliza una vía aérea de silicona gris
en caso tener un efecto el durante uso dispositivo desfibrilación paciente M35110ES gimaitaly

DocumentiGIMA Manuali ES |||

PROFESSIONAL MEDICAL PRODUCTS HOLTER DE PRESIN ARTERIAL GIMA ABPM
Manual de usuario ATENCIN: Los ope ... Technical Development Zone, Qinhuangdao,
Hebei Province, PEOPLE S REPUBLIC OF CHINA Made in China **ABPM50** Prolinx
GmbH Brehmstr. 56, 40239 Dsseldorf, Deutschland Gima S.p.A. Via Marconi, 1 - 20060
Ge...

lang:es score:10 filesize: 1.78 M page_count: 105 document date: 2025-01-21





[\[pdf\]](#) Dimension Guide Catalog

MEDICAL EQUIPMENT CATALOGUE DAGd2e1poz8 BAGcVtupTGg 0 Tushar Download Pdf Catalogues Alis Professional v 1740381693 cdn shopify s files 1 0818 1982 8542 |||

MEDICAL EQUIPMENT QUALITY YOU CAN TRUST SERVICE YOU CAN RELY ON
ALIS-51 SYRINGE PUMP Feature Weigh ... or 350 Group Storage 24H NIBP Holter
smart portable CONTEC AMBULATORY BLOOD PRESSURE MONITOR **ABPM50** and
PM50 are designed to record the patient's blood pressure information for 24 hours and
he...

lang:en score:10 filesize: 3.56 M page_count: 71 document date: 2025-02-24



[\[pdf\]](#) Declaration of Conformity Catalog Recall

Catalogue Design 1 plain hospital and quarantine bed 5 imimg data5 SELLER Doc 2022 11 GS TV TH
115901967 |||

THE BRAND YOU CAN IN TRUST IN HOSPITAL EQUIPMENTS PATIENT MONITORS
FIVE FUNCTION PATIENT MONITOR ... 50D CMS-50C PPE10 3-CH OR 12 CH
HOLTER RECORDER TLC-9803 PPE11 PPE12 AMBULATORY BP MONITOR
CMS-**ABPM50** PPE13 Specifications Recording time Data transfer Memory size Battery
Dimensions Weight ex...

lang:en score:10 filesize: 2.9 M page_count: 22 document date: 2022-08-10