

# FORA<sup>®</sup> Active

## Blood Pressure Monitoring System

 Bluetooth<sup>®</sup>



## Advanced Technology Meets Ease of Use

- Multiple measurement modes with one click
- Auscultatory option designed for healthcare professionals
- World's first BPM clinically validated for clinic and home use



# FORA<sup>®</sup> ACTIVE

## Blood Pressure Monitoring System

With an easy-to-use design and advanced technologies such as the Auscultatory Mode and AVG Technology, the FORA<sup>®</sup> Active Series is suitable for professional and home use. You can conduct multiple measurement modes with one click, including single measurement, averaged measurement or auscultatory measurement.

 Bluetooth<sup>®</sup>

### ACTIVE Wireless plus

( P30 Plus BT )



#### Oscillometric and Auscultatory Measurement

The auscultatory mode is recommended for people of common arrhythmia such as atrial or ventricular premature beats, or atrial fibrillation.

This mode is designed for health care professionals, and involves applying a stethoscope to the arm and listening to the pulse while the air is slowly let out from the cuff.



#### Morning and Evening Hypertension Detection

Automatically records blood pressure measurement results and categorizes them into day (24h), day-time and night-time averages.



#### Swissness Design

Designed by FORA which marks the guaranteed quality of the product. The solution is clinically validated according to the latest market standards.

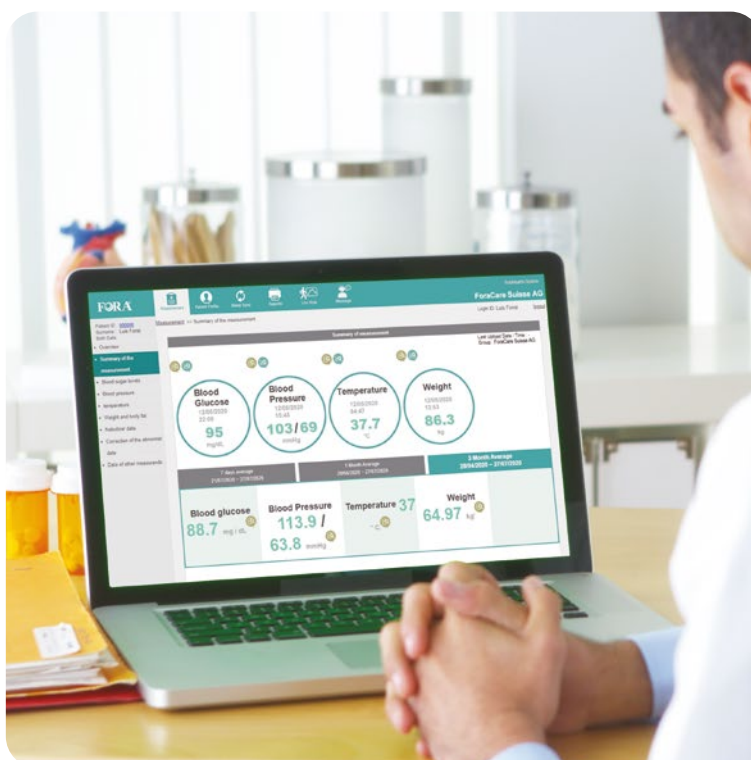
# Reliable Data Analysis and Communication

## *Bridge the Gap Between Physician Care and Hypertension Management*

Caregivers and patients don't always have matching schedules to arrange face-to-face consultations. With that in mind, ForaCare Suisse AG has developed two platforms, **iFORA BP** and **FORA® Telehealth System**, to support your patients' treatment from wherever they are.

### *For caregivers –* **FORA® Telehealth System**

ForaCare's Telehealth system was created as a tool to help you care for your patient from wherever they are. The software provides a user-friendly interface, while offering a variety of reports including abnormal results review, abnormal measurement frequency review, and strip shortage monitoring.



### *For patients –* **iFORA BP**



iFORA BP provides detailed and yet careful data management tools to assist patients in better diabetes management. Some of its key features include diary and trends graphs. The app also allows communication with a telehealth system, empowering them to communicate with you when they require treatment advice.



# Validation & Recommend from ESH



The European Society of Hypertension International Protocol revision 2010 for the validation of blood pressure measuring devices in adults was followed precisely. Overseen by an independent supervisor, measurements were recorded by two observers blinded from both each other's readings and from the device readings.

The sequential same arm measurements were performed. Two observers took blood pressure measurement with a mercury sphygmomanometer. Only a discrepancy between the two observers smaller than 4 mmHg was accepted<sup>[1]</sup>.

## Validation Results

Part 1	≤5mmHg	≤10mmHg	≤15mmHg	Grade1	Mean (mmHg)	SD (mmHg)
Pass						
<b>Requirements</b>						
Two of	73	87	96			
All of	65	81	93			
<b>Achieved</b>						
SBP	83	99	99	Pass	-1.1	3.3
DBP	80	99	99	Pass	-0.4	3.7
Part 2	2/3 ≤ 5mmHg	0/3 ≤ 5mmHg	Grade 2	Grade 3		
Pass	≥ 24	≤ 3				
<b>Requirements</b>						
<b>Achieved</b>						
SBP	28	0	Pass	Pass		
DBP	28	2	Pass	Pass		
<b>Part 3</b>						Result Pass

The validation report indicated that the ForaCare P30 Plus has passed the protocol criteria of the **European Society of Hypertension International Protocol Revision 2010**, and is recommended for clinical and home use.<sup>[2][3][4]</sup>

### Reference:

- O'Brien E, Atkins N, Stergiou G, Karpettas N, Parati G, Asmar R, Imai Y, Wang J, Mengden T, Shennan A; on behalf of the Working Group on Blood Pressure Monitoring of the European Society of Hypertension. European Society of Hypertension International Protocol revision 2010 for the Validation of Blood Pressure Measuring Devices In Adults. Blood Press Monit 2010;15:23–38.
- Dabl Educational Trust. Automated Devices for Clinical Use. Retrieved from: [www.dableducational.org/sphygmomanometers/devices\\_1\\_clinical.html#Ref52](http://www.dableducational.org/sphygmomanometers/devices_1_clinical.html#Ref52)
- Dabl Educational Trust. Sphygmomanometers for Self-measurement of Blood Pressure (SBPM). Retrieved from: [http://www.dableducational.org/sphygmomanometers/devices\\_2\\_sbpm.html](http://www.dableducational.org/sphygmomanometers/devices_2_sbpm.html)
- Ding D. Validation of the FORA P30 Plus Upper Arm Blood Pressure Monitor, for Clinic Use and Self/Home Measurement, According to the European Society of Hypertension International Protocol Revision 2010 [Internet]. Dublin: dablEducational Trust; 2012 Oct 19. 6 p. Available from: [www.dableducational.org/Publications/2012/ESH-IP 2010 Validation of Foracare Fora P30 Plus.pdf](http://www.dableducational.org/Publications/2012/ESH-IP 2010 Validation of Foracare Fora P30 Plus.pdf)

# Specifications

## Active Wireless plus

( P30 Plus BT )



ESH Validated	YES
Accuracy of Pressure	±3 mmHg or ±2% of reading
Systolic Measuring Range	60 ~ 255 mmHg
Diastolic Measuring Range	30 ~ 195 mmHg
Heart Rate Measuring Range	40 ~ 199 beat per minute
Accuracy of Heart Rate	±4% of reading
Auscultatory Mode	YES
Memory Capacity	200 Memory Sets
Date & Time Record	YES
Day Average Display	Day & Night Memory Average
Connectivity	Bluetooth (BLE 4.0)
Waterproof Grade	IP21
Power Source	4 x AA alkaline batteries
Battery Life	At least 300 tests with new batteries
Time to Power Saving	Yes. If the meter is idle for 180 seconds
Dimension (L) x (W) x (H)	160 x 95 x 66.5 mm
Weight (Without Battery)	400 g
Operating Condition	Temperature 5°C ~ 40°C Humidity 15% ~ 93%
Storage Condition	Temperature -25°C ~ 70°C Humidity 10% ~ 95%



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