

# THE NEW

## BLOOD PRESSURE MONITOR



Spengler

**Spengler the leading brand in blood pressure monitoring, unveils its latest innovation:**

## NEOTENS®

The **NEOTENS®** is an upper arm electronic blood pressure monitor, combining design and precision. Its large LCD screen, ergonomic design, and ease of use make it a very intuitive blood pressure monitor. Its measurement on inflation ensures optimal comfort for every use. Spengler also introduces its mobile app for monitoring blood pressure measurements : **SPENGLER HTA**.



DESIGNED BY :  
**ATELIER PATRICK JOUFFRET**

CE  
0123

**COMPATIBLE WITH SPENGLER HTA**  
& **suiiviHTA** FROM SFRHTA  
(Société Française de Recherche sur l'HTA)

 Spengler

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[www.spengler.fr](http://www.spengler.fr)

# ELECTRONIC BLOOD PRESSURE MONITOR

## NEOTENS®



MEASUREMENT DURING INFLATION:  
CONFORTABLE AND QUICK



2 USERS WITH MEMORIES EACH



CLEAR DISPLAY: LARGE LCD SCREEN  
VERY LEGIBLE (50 X 50MM)



MEMORIES WITH DATE AND TIME FOR A  
BETTER MEASUREMENTS FOLLOW UP



CUFF M/L (22/42 CM) INCLUDED



USAGE FLEXIBILITY: DIFFERENT  
POWER SOURCES: BATTERIES OR USB-C  
(OPTIONAL)



IRREGULAR HEART BEAT  
DETECTION INDICATOR



COMPATIBLE WITH SPENGLER HTA AND  
SUIVI HTA (MANUAL DATA ENTRY AND/OR  
PHOTOS)

### SPECIFICATIONS

Display	LCD digital display - Size : 50mm x 50mm (1.64" x 1.64")
Measurement method	Oscillometric method with measurement during inflation
Measurement site	Arm
Measurement range	Systolic pressure : 60mmhg~260mmhg Diastolic pressure : 40mmhg~200mmhg Pressure : 0mmhg~299mmhg Pulse : 30 ~ 199 beats/minute
Precision	Pressure accuracy : ± 3 mmHg Pouls : ± 5 %
Measurement	During inflation: quick and comfortable
Memory	50 memories x 2 users
Irregular Heartbeat Detection	Yes
Automatic power off	after 1 minute of no use
Low battery detection	Yes
Power source	4 AA alkaline batteries or USB-C (Optional)
Battery life	Approx. 300 cycles de mesure Temperature : 5°C ~ 40°C (41°F~104°F) Humidity : 5%~93%RH
Operating environments	Atmospheric Pressure : 700 hPa~1060 hPa
Storage environment	Temperature : -25°C ~70°C (-13°F~158°F) Humidity : ≤93% RH
Unit weight (excluding batteries)	Approx. 230 gr
Unit dimensions	Approx. 108.6mm x 103.5 x 73.5mm
Ingress Protection Rating	IP21
Cuff type	Size M/L included, the children and large adult sizes are sold separately
Medical Class	Class IIa Medical device (CE marked)
Warranty	3 Years
Box content	a monitor unit, adult (M/L) arm cuff, a storage pouch, 4 AA batteries, and a user manual

DESIGNATION	REFERENCE
● Electronic arm blood pressure monitor Neotens® Spengler	<b>NEO300</b>
● Electronic arm blood pressure monitor Neotens® Spengler with adapter	<b>NEO300A</b>

### ACCESSORIES

DESIGNATION	REFERENCE
Child cuff (S) 16-24cm for NEOTENS® Spengler	<b>527050</b>
Adult cuff (M/L) 22-42cm for NEOTENS® Spengler	<b>527051</b>
Large adult cuff (XL) 40-56cm for NEOTENS® Spengler	<b>527052</b>



### SPENGLER QUALITY

#### CE Marking

Spengler blood pressure monitors as NEOTENS® 300 and 300A are class IIa medical devices. They comply with European current regulations.

#### Customer technical support center

SPENGLER MEDICAL provides devices maintenance and repair services.  
Contact our customer technical support center on +33 4 42 90 31 31 or click on SAV tab on [www.Spengler.fr](http://www.Spengler.fr)

#### Spengler warranty

NEOTENS® is guaranteed for 3 years (under normal conditions of use). Batteries are not covered by the warranty. The warranty does not cover neither faulty maintenance by the user.