

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



NEOTENS® is compatible with the mobile application for tracking blood pressure measurements **suivi HTA** FROM SFRHTA (Société Française de Recherche sur l'HTA)

CE
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 Spengler

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www.spengler.fr

ELECTRONIC BLOOD PRESSURE MONITOR

NEOTENS®



MEASUREMENT DURING INFLATION:
COMFORTABLE 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



NEOTENS 300 AND 300A
ARE CLINICALLY APPROVED
FOR MONITORING BLOOD
PRESSURE DURING
PREGNANCY.



CUFF M/L (22/42 CM) INCLUDED



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



IRREGULAR HEART BEAT
DETECTION INDICATOR



COMPATIBLE WITH SUIVI HTA
FROM SFRHTA

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
Operating environments	Temperature : 5°C ~ 40°C (41°F~104°F) Humidity : 5%~93%RH 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	NEO300
● Electronic arm blood pressure monitor Neotens® Spengler with adapter	NEO300A

ACCESSORIES

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

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

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.

