ELECTRONIC ARM BLOOD PRESSURE MONITOR NEOTENS® SPENGLER

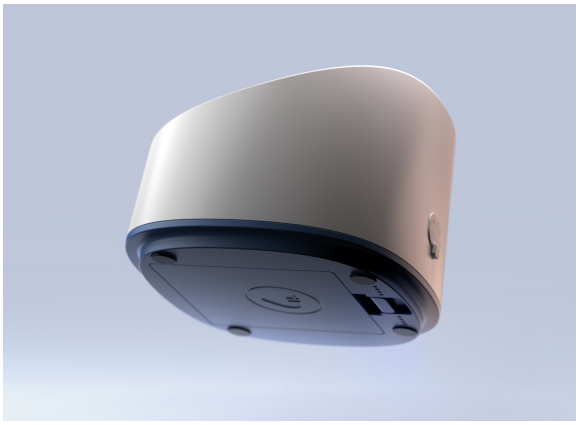
Ref. NEO300













Information and specifications given for guidance only and subject to change. (Generated on 19/11/26)

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Ref. NEO300

DESCRIPTION

NEOTENS® : ergonomic and precise arm blood pressure monitor, designed for daily use

The NEOTENS® by Spengler is an arm blood pressure monitor that combines ergonomics, precision, and patient comfort. It's large LCD display (50 x 50 mm) ensures excellent readability, while the upward measurement technology delivers fast and comfortable readings at every use.
Thanks to its robust design and advanced functions, it is perfectly suited for healthcare professionals as well as patients requiring regular monitoring.
It is clinically approved for monitoring blood pressure during pregnancy.
Spengler's NEOTENS® is also recommended by STRIDE BP.
- Display : extra-large LCD screen (50 x 50 mm)
- Measurement method : Oscillometric, upward measurement for optimal comfort
- Measurement site : Arm
- Range :
Systolic pressure : 60 - 260 mm Hg
Diastolic pressure : 40 - 200 mm Hg
Pulse : 30 - 199 beats/min
- Accuracy : ± 3 mm Hg (pressure) ; ± 5 % (pulse)
- Memory : 50 readings per user x 2 users, with date and time stamp
- Advanced features :
Irregular heartbeat detection
Low battery indicator
Automatic shut-off after 1 minute of inactivity
- Power supply : 4 x AA batteries (≈ 300 measurements cycles) or optional USB-C power adapter
- Cuff : adult M/L size included (22-42 cm) ; child and XL adult cuffs sold separately
- Robustness : IP21 protecting rating
- Weight & dimensions : 230 g (without batteries), 108.6 x 103.5 x 73.5 mm
- Medical classification : Class IIa device (CE marking)
- Warranty : 3 years (excluding consumables)
- Compatibility : SPENGLER HTA mobile app (manual entry or photo) for simplified monitoring
The NEOTENS® offers comfortable measurement, easy data tracking , and accuracy, making it an essential tool for accurate and professional blood pressure monitoring.

Box Contents :
- 1 NEOTENS® arm blood pressure monitor
- 1 M/L adult cuff (22-42 cm)
- 4 x AA alkaline batteries
- 1 carrying pouch
- 1 user manual

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SPECIFICATIONS

CE marking	CE	Medical device	Class IIa
Barcode	6942284608524	HS code	90189010
Warranty (months)	36	Country of origin	China

Dimensions

Packed unit /Width (cm)	11	Unpacked unit /Width (cm)	N/A
Packed unit /Length (cm)	28	Unpacked unit /Length (cm)	N/A
Packed unit /Height (cm)	8	Unpacked unit /Height (cm)	N/A
Packed unit /Weight (kg)	0.855	Unpacked unit /Weight (kg)	0.23

Specific storage conditions

Min. temperature	-25 °C	Min. humidity	N/A
Max. temperature	60 °C	Max. humidity	93 %

Other characteristics

Packed unit /Quantity	N/A

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