



Spengler



Mobi

**PROFESSIONALS
SPHYGMOMANOMETER
& CUFF**



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PROFESSIONAL SPHYGMOMANOMETER & CUFF

Mobi



"LIFE LINK®" TUBE

The new "LIFE LINK®" tubing allows to change cuff in less than a second thanks to its magnetic connectors. Choose the cuff fitted to the patient's morphology and increase the accuracy



AMBIDEXTROUS

Specially designed to be ambidextrous, choose your configuration and change the position of the decompression valve, the connector "LIFE LINK®" and the spoon



ERGO PUMP

The ergonomic bulb is suitable for all types of hands and offers an extra volume of 11% compared to traditional bulbs



PRECISION VALVE

MOBI is equipped with a decompression valve made of a high sensibility metal alloy designed to provide high precision deflation



SHOCK RESISTANT

Due to its ABS plastic construction, MOBI is specially designed to offer great resistance to shocks and falls from everyday life



EASY CUFF

Developed in TPU coating, the MOBI cuff offers weight gain and easiness of cleaning



DENOMINATION	REFERENCE
● Mobi Black Carbon with Adult Cuff (M)	513 702
● Mobi Blueberry with Adult Cuff (M)	513 700
● Mobi Coral red with Adult Cuff (M)	513 701
● Mobi Powdery pink with Adult Cuff (M)	513 703

SPENGLER QUALITY

CE MARKING

European directive 93/42/CEE
mechanical sphygmomanometer : class 1 measuring function

Spengler sphygmomanometers meet the essential requirements of safety health, hygiene and environmental protection

After sales service

Spengler provides maintenance and repair of equipment

Legal Guarantee

Spengler sphygmomanometers are guaranteed for life against defects in workmanship hidden from the date of purchase

Spengler guarantee

Spengler warranty of 3 years (under normal conditions of use): repair or replacement free parts recognized defective (malfunction due to a defect in material, workmanship or design) by our after sales service

METROLOGICAL CONTROL

This blood pressure meter is a professional precision medical device. It is recommended to check the correct operation and accuracy every 2 years



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TECHNICAL CHARACTERISTICS

Type	Aneroid Palmstyle	
	Case	ABS
	Backside case	ABS + TPE
	Mechanism assembly	Copper alloy - beryllium
Sphygmomanometer	Dial	Aluminium Graduation : 0-300 mmHg Ø 57,38 mm
	Glass	Pmma
	Needle	Copper
	Weight	255 g
Complete bulb	Bulb	PVC Ø 44,74 mm
	Valve	Zamack Z3
	Spoon	ABS
	Fastener	Velcro
Cuff	Material	TPU
	Cuff connection	Steel + ABS
Tube	Simple tube	PVC
	Tubing connectors	Nickel Steel
Included	Storage kit	
SPENGLER WARRANTY	Manometer: 3 Years, except consumables (pears, Armbands)	



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METROLOGICAL CONTROL

This blood pressure meter is a professional precision medical device. It is recommended to check the correct operation and accuracy every 2 years



→ The standard hand-held sphygmomanometer

1 LARGE DIAL MANOMETER

Metal housing

Durable, anti-corrosion, shock-proof
Optimal protection of the mechanism.
Protective bumper

Graduations/needle

Easy-to-read from any angle.
Enlarged scale for better accuracy.

Mechanism

High precision
Indissociable

Metal quick-connect cuff system construction.

2 CUFF

Made of strong nylon (adults) or cotton (children) washable at 30-40°C.
Velcro fastener: all sizes available (from newborn to large adult).
Calibrated cuff (size range/artery/index markings) for exact positioning to arm circumference.

Bladder

Single tube technology
Highly resistant latex free rubber bladder.
Adjustable to the arm circumference for accurate results.



Over-sized cuff:

BP results under-evaluated

Under-sized cuff:

BP results over-evaluated

3 INFLATION BULB

"Classic" model.

Maximum volume and ergonomic:
comfortable handling and rapid inflation

4 AIR RELEASE VALVE

Centered at back, for left or right hand use.

Accurate and constant deflation controlled by accurate valve.



Certified precision and reliability

All of the Spengler blood pressure monitors are accurate measuring instruments. They are equipped with high quality indissociable diaphragms and movements made of an alloy of specially tempered copper/beryllium (an alloy that has a constant shape and elasticity memory); this mechanism is comparable to those in traditional luxury watch industry.

Spengler blood pressure monitors are calibrated one by one for intensive use over an extended period.

Each blood pressure monitor has single serial number that gives it complete traceability during its lifetime.



Technical specifications

Type	hand-held aneroid	made in France
Manometer	housing/ring	zinc alloy, chromium plated Ø 57 mm
	mechanism	accuracy: ± 3 mmHg copper-Beryllium alloy with constant elasticity
	dial	graduations: 0-300 mmHg - Ø 50 mm markings: item serial number
	protective bumper	blue PVC foam (Ø 57 mm)
	quick-connect system	chromed brass
	Complete bulb	bulb
	air release valve	chromed brass linear and accurate deflation
Cuff	fastener	velcro
	fabric	large adult, adult, small adult/child: nylon child, small child, newborn: patterned cotton
	markings	index range (size, artery), washing instructions
Bladder	single tube	rubber, highly resistant to ozone and UV rays
	markings	month and year of manufacture
Packaging	carrybag	nylon zipper pouch
SPENGLER GUARANTEE	MANOMETER: 2 YEARS	except disposable parts (bulbs, bladders, cuffs)
LEGALE GUARANTEE	FOR LIFE	against any hidden fault of manufacturing

Product code number	Model	Bladder size
520 630	Multi-standardised cuff packs (L, M et S)	
520 619	grey nylon, obese (XL)	16x32 cm
520 620	grey nylon, large adult (L)	16x32 cm
520 627	navy blue cotton, adult (M)	12x27 cm
520 621	grey nylon, adult (M)	12x27 cm
520 626	grey nylon, small adult/child (S)	8x23 cm
520 622	patterned cotton, child/small adult (S)	8x23 cm
520 623	patterned cotton, small child (XS)	6x18 cm
520 624	patterned cotton, neonate (XXS)	4x12 cm
334 150	paediatric kit (S, XS, XXS patterned cotton)	
334 125	adult kit (XL, L,M, S nylon)	

(with Clinic[®] decontaminable cuff: upon request)

Calibration control **every two years (European recommendation)**

Spengler after-sales service: all spare parts are available from your Spengler dealer.

The Spengler quality

Quality assurance

French manufacturing certified ISO 9001: 2008, ISO 13485:2004.

CE mark

European directive CEE 93/42 and its revision 2007/47/EEC:

→ Mechanical blood pressure monitors: class 1 measuring function,
→ The Spengler blood pressure monitors comply with the stipulations of the guidelines for safety, health, hygiene and protection of the environment.

After-Sales service

Spengler carries out the maintenance and repairs and trains its registered distributors for these services.

Guarantee

According to the French law, all Spengler blood pressure monitors are guaranteed for life against any hidden fault of manufacturing. Spengler guarantees the products for 2 years from date of purchase. The guarantee does not apply to damage caused by improper handling, damage from leaking batteries,

accidents, not following the operating instructions or alterations made to the instrument by third parties.

The guarantee does not apply to rubber and P.V.C. parts / fair wear and tear of the product / damages and breakdowns due to shock, misuse or neglect / any product disassembled, repaired or modified by the user or unauthorised persons.

→ The dual-tube hand-held “tradition” sphygmomanometer

1 MANOMETER

Metal housing

Durable, anti-corrosion, shock-proof
Optimal protection of the mechanism.
Protective bumper

Graduations/needle

Easy-to-read from any angle
Enlarged scale for better accuracy

Mechanism

High precision
Indissociable

2 CUFF

Made of strong polycotton fabric
washable at 30-40°C

All sizes available (from newborn to large adult)

Calibrated cuff (size range/artery/index markings) for exact positioning to arm circumference

Bladder

Dual tube technology: perfect linear inflation and deflation.

Highly resistant latex free rubber bladder.

Adjustable to the arm circumference for accurate results



Over-sized cuff:

BP results under-evaluated

Under-sized cuff:

BP results over-evaluated

3 LATEX FREE INFLATION BULB

“Classic” model.

Maximum volume and ergonomic: comfortable handling and fast inflation

4 AIR RELEASE VALVE

Accurate and constant deflation controlled by accurate valve.



Interchangeable cuffs



CPC female coupling and male connector



Certified precision and reliability

All of the Spengler blood pressure monitors are accurate measuring instruments. They are equipped with high quality indissociable diaphragms and movements made of an alloy of specially tempered copper/beryllium (an alloy that has a constant shape and elasticity memory); this mechanism is comparable to those made in traditional luxury watch industry.

Spengler blood pressure monitors are calibrated one by one for intensive use over an extended period.

Each blood pressure monitor has a single serial number that gives it complete traceability during its lifetime.



Technical specifications

Type	hand-held aneroid	made in France
Manometer	housing	zinc alloy, chromium plated Ø 57 mm
	mechanism	accuracy: ± 3 mmHg copper-Beryllium alloy with constant elasticity
	dial	graduations: 0-300 mmHg Ø 50 mm markings: item serial number
	protective bumper	black removable PVC foam (Ø 57 mm)
	Complete bulb	bulb
	air release valve	Spengler "Classic" type chromium plated Linear and accurate deflation
Cuff	fastener	velcro
	fabric	polycotton
	markings	index range (size, artery), washing instruction
Bladder/Tube	dual port	rubber, highly resistant to ozone and UV rays
	markings	month and year of manufacturing
	connectors	CPC female coupling and male connector
Presentation	carrybag	nylon zipper pouch
SPENGLER GUARANTEE	MANOMETER: 2 YEARS	except disposable parts (bulbs, bladders, cuffs) against any hidden fault of manufacturing
LEGAL GUARANTEE	FOR LIFE	

Product code number	Model	Bladder size
519 050	Multi-standardised cuff packs (L, M et S)	
519 001	Cotton, grey, large adult (L)	16x32 cm
519 011	Cotton, grey, adult (M)	12x27 cm
519 012	Cotton, navy blue, adult (M)	12x27 cm
519 029	Patterned cotton, child/small adult (S)	8x23 cm
519 039	Patterned cotton, small child (XS)	6x18 cm
519 049	Patterned cotton, neonate (XXS)	4x12 cm

Calibration control every two years (European recommendation)

Spengler after-sales service: all spare parts are available from your Spengler dealer.

The Spengler quality

Quality assurance

French manufacturing certified ISO 9001: 2008, ISO 13485:2004.

CE mark

European directive CEE 93/42 and its revision 2007/47/EEC:

- Mechanical blood pressure monitors: class 1 measuring function,
- The Spengler blood pressure monitors comply with the stipulations of the guidelines for safety, health, hygiene and protection of the environment.

After-Sales service

Spengler carries out the maintenance and repairs and trains its registered distributors for these services.

Guarantee

According to the French law, the Spengler blood pressure monitors are guaranteed for life against any hidden fault of manufacturing. Spengler guarantees the products for 2 years from date of purchase. The guarantee does not apply to damage caused by improper handling, accidents, not following the opera-

ting instructions or alterations made to the instrument by third parties.

The guarantee does not apply to rubber and P.V.C. parts / fair wear and tear of the product / damages and breakdowns due to shock, misuse or neglect / any product disassembled, repaired or modified by the user or unauthorised persons.

→ The shock-proof aneroid sphygmomanometer for both left- or right-handed users

1 LARGE DIAL MANOMETER

Metal housing

Durable, anti-corrosion, shock-resistant
Optimal protection of the mechanism.
Protective bumper in see-through PVC.

Graduations/needle

Easy-to-read from any angle.
Enlarged scale for better accuracy.

Mechanism

High precision
Un-dissociable.

Metal quick-connect cuff system

2 CUFF

Made of strong nylon or polycotton
fabric washable at 30-40°C.

- Velcro fastener: all sizes available (from newborn to large adult).
Calibrated cuff (size range/artery/index markings) for exact positioning to arm circumference.
- Alternative fastening system with chromium-iron sticks and hook.

Bladder

Single tube technology
Highly resistant latex free or TPU bladder.
Adjustable to the arm circumference for accurate results.

3 INFLATION BULB

Ribbed model in PVC.
Volume and shape adapted to all hands. Comfortable handling and quick inflation.

4 HANDLING SPOON/AIR RELEASE VALVE

Ergonomic lateral position of spoon (easy to adjust for left-hand use).
Precise and constant deflation controlled by super precise valve.



Certified precision and reliability

All of the Spengler blood pressure monitors are precise measuring instruments. They are equipped with high quality un-dissociable diaphragms and movements made of an alloy of specially tempered copper/beryllium (an alloy that has a constant shape and elasticity memory); this mechanism is comparable to those in traditional luxury watch industry.

Each Spengler blood pressure monitor is calibrated for intensive use over an extended period.

Each blood pressure monitor has a serial number that gives it complete traceability during its lifetime.



Switch ring for easy-use by left- or right-handed users

Technical specifications

Type	hand-held aneroid	made in France
Manometer	housing/ring	zinc alloy, epoxy powdered Ø 69 mm
	mechanism	precision : ± 3 mmHg copper-Beryllium alloy with constant elasticity
	dial	graduations : 0-300 mmHg Ø 65 mm markings : item serial number
	protective bumper	transparent soft PVC (Ø 69 mm)
	quick-connect system	chromed brass
	Complete bulb	bulb
	air release valve	chromed brass precise and constant deflation
	spoon	alloy in chromium zinc
Cuff	fastener	velcro or hook-type
	fabric	large adult, adult, small adult/child: nylon child, small child, newborn: patterned cotton
	markings	index range (size, artery), washing instructions
Bladder	single tube	rubber, highly resistant to ozone and UV rays
	markings	month and year of manufacture
Packaging	carrybag	nylon zipper pouch
GUARANTEE	MANOMETER: 2 years	except disposable parts (bulbs, bladders, cuffs)

Code	Model	Bladder size
521 310	large adult (grey nylon)	16x32 cm
521 311	adult (grey nylon)	12x27 cm
521 316	small adult/child (grey nylon)	8x23 cm
521 312	child (patterned cotton)	8x23 cm
521 313	small child (patterned cotton)	6x18 cm
521 314	newborn (patterned cotton)	4x12 cm
521 xxx	adult (cotton) hook-type	12x27 cm

With CLINIC[®] cuff (for washing and cold disinfection by immersion): upon request.

Calibration control every two years (European recommendation)

Spengler after-sales service: all spare parts are available from your Spengler dealer.

The Spengler quality

Quality assurance

French manufacturing certified ISO 9001:2008, ISO 13485:2004.

CE mark

European directive CEE 93/4 2 and its revision 2007/47/EEC:

- Mechanical blood pressure monitors: class 1 measuring function,
- Electronic blood pressure monitors: class IIa.
- The Spengler blood pressure monitors comply with the stipulations of the guidelines for safety, health, hygiene and protection of the environment.

After-Sales service

Spengler assures the maintenance and repairs and trains its registered distributors for these services.

Guarantee

Legal guarantee (art. 1641 and 1648 of the Civil Code): The Spengler blood pressure monitors are guaranteed for life against any hidden fault of manufacturing. Spengler guarantees the products for 2 years from date of purchase. The guarantee does not apply to damage caused by improper handling, damage from leaking batteries, accidents, not following the operating

instructions or alterations made to the instrument by third parties.

The guarantee does not apply to rubber and P.V.C. parts / fair wear and tear of the product / damages and breakdowns due to shock, misuse or neglect / any product disassembled, repaired or modified by the user or unauthorised persons.

→ The “stylish and performing” aneroid sphygmomanometer, hand-held type

1 SHOCK-PROOF MANOMETER

ABS housing.

Lightweight shock-resistant construction.
Double shell casing.
Highly resistant to shock waves.
Easy to clean.

Graduations/needle.

Easy-to-read from any angle.

Mechanism.

High precision
Un-dissociable.

Metal quick-connect cuff-system.

Screw-type female connector.

2 CUFF

Made of Oxford nylon or cotton fabric.

- Velcro fastener.

Calibrated cuff (size range/artery/
index markings) for exact positioning
to arm circumference.

All sizes available (from newborn to
large adult).

- Alternative fastening system with
chromium-iron sticks and hook.

Latex-free bladder

Highly resistant single tube bladder.
Adjustable to the arm circumference
for accurate results.

Metal quick-connect system.

Screw-type male connector.

3 INFLATION BULB

SPENGLER “Nano” bulb type.

Comfort handling and quick inflating.

4 SPOON/AIR-RELEASE SCREW VALVE

Ergonomic lateral position.

Precise and constant deflation
controlled by super-precise valve.



Certified precision and reliability

All of the Spengler blood pressure monitors are precise measuring instruments. They are equipped with high quality un-dissociable diaphragms and movements made of an alloy of specially tempered copper/beryllium (an alloy with constant shape and elasticity memory) ; this mechanism is comparable to those

in traditional luxury watch industry. Each Spengler blood pressure monitor is calibrated for intensive use over an extended period.

Each blood pressure monitor has a serial number that gives it complete traceability during its lifetime.



Technical specifications

Type	hand-held aneroid	
Manometer	housing	ABS Ø 69 mm
	mechanism	precision : ± 3 mm copper-beryllium alloy with constant elasticity
	dial	graduations : 0-300 mmHg Ø 54 mm markings : item serial number
	cuff connector	female screw connector in chromed brass
	Complete bulb	bulb
	air release valve	chromium plated brass with ABS protection precise and constant deflation
	spoon	ABS
Cuff	fastener	velcro, or hook-type
	size/fabric	large adult, adult, small adult/child: Oxford nylon child, infant, newborn : cotton
	markings	index range (size, artery), washing instructions
Bladder	single tube	latexfree rubber or TPU highly resistant to ozone and UV
	markings	month and year of manufacture
	connection of manometer	male screw connector in chromed brass
Presentation	carrybag	nylon zipper pouch
SPENGLER GUARANTEE	MANOMETER: 2 years	except disposable parts (bulbs, bladders, cuffs)
LEGALE GUARANTEE	fo life	against any hidden fault of manufacturing

Product code number	Description	Bladder size
513 000	Large adult (black nylon)	16x32 cm
513 010	Adult (black nylon)	12x27 cm
513 020	Small adult/child (black nylon)	8x23 cm
513 029	Child (cartoon design cotton)	8x23 cm
513 039	Infant (cartoon design cotton)	6x18 cm
513 049	Newborn (cartoon design cotton)	4x12 cm
513 xxx	Adult (cotton) hook-type	12x27 cm

With CLINIC® cuff (for washing and cold disinfection by immersion): upon request.

Calibration control **every two years (European recommendation)**

Spengler after-sales service: all spare parts are available from your Spengler dealer.

The Spengler quality

Quality assurance

French manufacturing certified ISO 9001: 2008, ISO 13485:2004.

CE mark

European directive CEE 93/42 and its revision 2007/47/EEC:

→ Mechanical blood pressure monitors: class 1 measuring function,

→ Electronic blood pressure monitors: class IIa.

→ The Spengler blood pressure monitors comply with the stipulations of the guidelines for safety, health, hygiene and protection of the environment.

After-sales service

Spengler ensures the maintenance and repairs, and trains its registered distributors to these services (control, calibration, spare parts and accessories).

Guarantee

→ According to French Law, the Spengler blood pressure monitors are guaranteed for life against any hidden fault of manufacturing.

→ Spengler guarantees the products for 2 years from date of purchase. The guarantee does not apply to rubber and PVC parts, fair wear and tear of the product, damages and

breakdowns due to shocks, improper handling, misuse or neglect, product disassembly, repair or modification made to the instrument by the user or unauthorized persons.