

→ Electronic blood pressure monitor

BLOOD PRESSURE MONITOR

- 1 Jumbo backlit display**
Easy to read under any light conditions
- 2 On/off button**
- 3 Start button**
- 4 1 measurement/MAM technology switch**
To face «white coat» hypertension
- 5 Calibration button**
Calibrate your ES-60® in a trice
- 6 Memory button**
Up to 60 BP measurements memory
- 7 Hour/MAP button**
To adjust time, date and to display the mean arterial pressure
- 8 Storage case**
For an always well-stored cuff



Certified precision and reliability

The electronic blood pressure monitor ES-60® is optimized for physician use, semi-intensive or occasional use in hospitals. The electronic blood pressure monitor ES-60® by Spengler measures and displays blood pressure and pulse rate, in 1 or 3 weighted measurements (MAM technology). ES-60® can work with L, M or S size cuffs.

The electronic blood pressure monitor ES-60® by Spengler is exclusively designed for medical diagnostics and must be used following the instructions.



Technical specifications

Display	screen	LCD (Liquid Cristal Display)
	blood pressure	systol, diastol (mmHg)
	pulse rate	bpm
	measuring method	1 or 3 measurements (MAM)
	cuff pressure	0 to 299 mmHg
	resolution	1 mmHg
BP measurement	measuring method	oscillometric
	pressure sensor	capacitive
Measuring range	systol, diastol	30 to 280 mmHg
	pulse	40 to 200 beats per minute
Accuracy	blood pressure	pressure within +/- 3 mmHg
	pulse	pulse \pm 5 % of the reading
Memory		auto stores the last 60 measurements
Power source		7.5V/2.0A AC/DC adapter (DC 7.5V/2.0A, supplied) or battery pack (4.8 V DC 2400 mAh, supplied)
Weight and size	size	177 (L) \times 175 (l) \times 110 (H) mm
	weight	770 g (with battery)
Temperature	operation	+10 to +40° C (relative humidity: 15-90 %)
	storage	-20 to +50° C
Reference to standards		EC 60601-1 / IEC 60601-1-2 EN 1060-1 /-3/-4, NIBP - requirements DIN 58130, NIBP-clinical investigations ANSI/AAMI SP10, NIBP - requirements
WARRANTY	3 years	(normal conditions of use)
Product code	Model	
550 600	Blood pressure monitor ES-60®, nylon cuff M	
550 601	Blood pressure monitor ES-60®, nylon multi-cuff (L, M and S)	
318 140	Mobile stand ES-60®	
318 260	Wall mount kit	
550 610	Cuff - L size (large)	
550 611	Cuff - M size (medium)	
550 612	Cuff - S size (small)	

Spengler after sales service: for any question you may have, please contact your nearest Spengler official dealer.

BHS A/A grading. Complies with the requirements of the EC directive 93/42 CEE relative to medical devices.

Spengler quality

Quality insurance

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

CE mark

European directive CEE 93/42 and its modification 2007/47/EEC: electronic blood pressure monitors: class IIa. The electronic blood pressure monitors ES-60® by Spengler 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 to these services.

Guarantee

According to French Law, the Spengler electronic blood pressure monitors are guaranteed for life against any hidden fault of manufacturing. Spengler guarantees the electronic blood pressure monitors ES-60® for 3 years from date of purchase.

The guarantee does not apply to 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.