ASTOTHERM® plus

Rapid, safe and highly efficient warming of blood and infusions.



STIHLER ELECTRONIC

ASTOTHERM® plus

This high-performance blood and infusion warmer is ideally equipped for every application.

Warm infusions and transfusions protect your patient from hypothermia in the operating theatre and in intensive care. ASTOTHERM PLUS warms all infusions and transfusions by the dry flow-heating method - efficiently, safely and absolutely economically in daily use. ASTOTHERM PLUS is ready for use at once. Warming close to the patient means that infusions and blood products no longer require warming in advance. Blood products can be kept in the refrigerator until they are really needed.

ASTOTHERM plus 220

The basic device - effective performance for rapid routine use

The fastest and most economical variant of the ASTOTHERM PLUS warmers is the AP220. ASTOTHERM PLUS 220 is ready for use in under 60 seconds, with the result that every patient in theatre or in intensive care really can be supplied rapidly with warm transfusions and infusions. ASTOTHERM PLUS 220 covers over 97 % of clinically-relevant

transfusion and infusion rates.

 Temperature selection 39/41/43 °C and triple-independent overtemperature cut-out.

 Special groove for rapid insertion of the ASTOTUBE extension line and optimum heat transfer.

Microprocessor-controlled for simple operation.

Heat protection sleeve available as an option.

ASTOTUBE® The PVC extension line

ASTOTUBE, the economical disposable extension line, is suitable for all applications of ASTOTHERM PLUS warmers. Other warmers frequently require expensive disposable warming cassettes or disposable heated profiles which generate high costs long term. Compared to that, using ASTOTUBE daily will make a considerable contribution to relieving your budget.

The disposable warming cassettes or special water profiles of other devices frequently cost several times as much as ASTO-TUBE. The more often the ASTOTHERM PLUS is used, the clearer the cost-saving effect compared to other infusion war-

Cassette
warmer with
consumables
Price of 1
ASTOTUBE

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Cassette or profile warmer with

This price difference for the consumables for different types of warmer accumulates over the years to give large sums.





The special heat exchanger cylinder allows the ASTOTUBE to be inserted simply and ensures efficient flow heating close to the patient.

The heat protection sleeve protects infusions from the effects of external cold and prevents heat being given off into the room.

On the ASTOTHERM PLUS 220, it is available as an optional accessory - on the other models, it comes within the standard scope of supply.

ASTOTHERM PLUS 260

A summary of the components

ASTOTHERM PI	LUS 220 S				
	ASTOTHERM PLUS 220	ASTOTHERM PLUS	ASTOTHERM PLUS	ASTOTHERM PLUS	ASTOTHERM PLUS
		220	220 S	260	260 S
	Order no.	AP 220	AP 220 S	AP 260	AP 260 S
	ASTOLINE active insulation	_	standard	-	standard
	Temperature setting	selectable 39° C / 41° C / 43° C			
	Power consumption	450 VA			
	Diameter of line	4 mm		6,8 mm	
	ASTOTUBE, PVC, order no.	IFT 30460		IFT 30410	
	Heat protection sleeve	optional accessory	standard		
	Heat protection sleeve order no.	WM 226			
	ASTOLINE (spare) order no.	-	AL 222	-	AL 260

General technical data for all ASTOTHERM PLUS blood and infusion warmers

Voltage: 230/240 V (110/127 V)
Preheat time: < 2 min.
Safety switch off: triple independent
Overtemperature safety cut-off
Overtemperature alarm: visual and acoustic
Undertemperature alarm: visual and acoustic

Temperature control: also for the reliable parallel infusion of two independent infusions

Dimensions (L x H x D): 135 x 145 x 295 mm

Weight: 2,9 kg

Duty: continuous (24 hours a day)

Protection class: I

Protection level: 1 ★ - B, defibrillation-protected
Moisture protection: IPX 4
Classification as per European Directive 93/42: II b
Notified body: CE 0124
Complies with: IEC 601-1
We reserve the right to make technical modifications

Your local agency:

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