Laboratory Refrigerator LabStar Sanguis LSSA

- Alternatively with forced air circulation or static cooling, automatic defrost and condensate evaporation
- Micro-processor driven temperature controller
  - Visual/audible alarm device
  - Alarm warning for excess and insufficient temperature
  - Probe failure alarm
  - Door alarm
  - Integrated data logger
  - USB port for data download

- No-volt remote alarm contact for connection to a remote alarm system
- External housing made of white corrosion-resistant, galvanized steel plate with PVC finish
- Self-closing and lockable door
- Door hinges on right, changeable
- Door seal changeable
- 2 height adjustable shelves in tilt-resistant guide rails, made of stainless steel CNS
- Interior made of stainless steel CNS
- 4 castors, 2 height adjustable feet at rear

LabStar Sanguis LSSA1105EWU

Model LabStar Sanguis		LSSA1105EWU	LSSA1105GEWU	LSSA1105EWN
			Glass door	
Temperature range	°C:	+2/+12	+2/+12	+2/+12
		< Forced air circulation >		**Static cooling**
Content	litres (gross):	100	100	100
Ext. dimensions (WxDxH)	mm:	600x600x850	600x600x850	600x600x850
Int. dimensions (WxDxH)	mm:	475x440x460	475x440x460	475x430x460
Depth with door opened	mm:	1135	1135	1135
Shelves	:	2	2	2
Weight	kgs:	73	76	73
Mains connection	:	< 1/N/PE ~ 230 V 50 Hz >		
Shipping dimensions (WxDxH)	mm:	680x680x1050	680x680x1050	680x680x1050
Shipping weight	kgs:	84	87	84
Refrigerant CFC- and HCFC-free	:	R134a	R134a	R134a

LabStar Sanguis + Accessories:	Outside / Inside	Cat. No.
LabStar Sanguis LSSA1105EWU	white / CNS	GSLSSA1105EWU
LabStar Sanguis LSSA1105GEWU	white, glass door / CNS	GSLSSA1105GEWU
LabStar Sanguis LSSA1105EWN	white / CNS	GSLSSA1105EWN
ProfiTec Temperature Monitoring and Recording System (see sep. brochure).		GPTEC4A
ProfiCaller telephone dialler (see sep. brochure).		on request
Pt-100 temperature sensor, add. installed for ext. temperature recording.		ZXX2-020-2L
SMS alarm (to 5 mobile numbers maximum).		on request
Circular chart recorder for 7 days. Mains-independent.		on request
7-day circular charts. Pck. of 100 pieces.		on request
Battery-BackUp-System for full retention of all controller features incl. alarm in the event of power failure (for up to 48 hours).		on request
Ex-Version „Interior free of ignition sources" (LSSA1105EWN only).		ZLSSA1-070
Stainless steel shelf, 444x410 mm (WxD).		ZLSSA4-444x410
Guide rails for stainless steel shelf (1 pair).		ZLSSA4-023
Drawer with telescopic slide-out, made of CNS.		ZLSSA4-001
Internal dividers for drawer. 1 set consisting of 3 dividers.		ZLSSA4-010
MIN/MAX thermometer to be placed in refrigerators or freezers. Measuring range -50/+50 °C, an add. temperature sensor is not required.		ZXX2-019-001
MIN/MAX digital thermometer. Hand-held unit with digital display as well as data-hold and relative measuring function. Measuring range -200/+1370 °C. An add. temperature sensor is required, eg. Cat.-No. ZXX2-022-100.		ZXX2-019-011
Temperature sensor for MIN/MAX thermometer ZXX2-019-011. Measuring range -100/+1000 °C. Length 2 m. Other ranges on request.		ZXX2-022-100
Export version with special voltages / frequencies.		on request

ProfiTec
Intelligent Temperature Monitoring and Recording System

- For up to 4 refrigerators and/or freezers
- Readings are stored over a period up to 781 days
- Warning for excess and insufficient temperature
- Includes No-volt remote alarm contact
- The measuring protocol can be fed to PC via RS 232 port

Inventory Sytems

Stainless steel racks, freezer cassettes and grid inserts enable specimens to be stored and retrieved in a clear and orderly manner. Optimum use is made of the storage capacity.
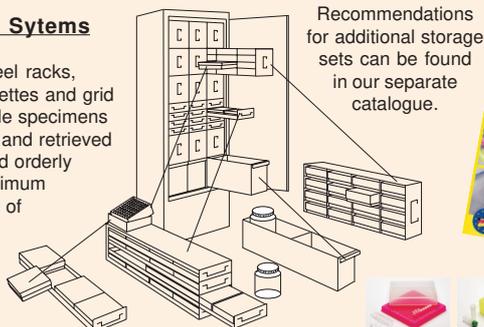
Recommendations for additional storage sets can be found in our separate catalogue.

Please ask for a personal fitting option.

MIN/MAX digital thermometer with add. temperature sensor