Laboratory fridge-freezer with Comfort electronic controller and spark-free interior



Laboratory fridge-freezer with Comfort electronic controller and spark-free interior		LCexv 4010 MediLine
Total gross / net capacity	fridge compartment	254 / 240 l
Total gross / net capacity	freezer compartment	107 / 105 l
Exterior dimensions in mm (w/d/h)		600 / 615 / 2000
Interior dimensions in mm (w/d/h)	fridge compartment	440 / 435 / 1105
Interior dimensions in mm (w/d/h)	freezer compartment	431 / 435 / 597
Energy consumption in 24h*		1.800 kWh
General		
Cooling system	fridge / freezer comp.	dynamic / static
Defrosting method	fridge / freezer comp.	automatic / manual
Temperature range	fridge / freezer comp.	+3°C to +8°C / -9°C to -30°C
Housing material / colour		steel / white
Door / lid material		steel
Liner material		white plastic
Type of control		electronic controller
Temperature display		external digital
Power failure alarm		when mains power returns
Temperature and door open alarm		visual and audible
Interface		RS 485
Volt-free contact		•
Adjustable storage shelves	fridge compartment	4
Usable shelf area in mm (w/d)	fridge compartment	440 / 420
Shelf material	fridge / freezer comp.	glass / glass
Shelf loading capacity	fridge / freezer comp.	40 kg / 24 kg
Number of drawers	freezer compartment	3
Handle		ergonomic slimline handle
Lock		•
Self-closing door		•
Door hinges		right hand, reversible
Gross / net weight		93 / 87 kg
Climate rating		SN-ST
Sound power level		43 dB (A)
Refrigerant		R 600a
Voltage / Connection rating		220-240 V~ / 1.5 A
Accessories		
Glass shelf		9293629
NTC product temperature sensor		9590407
Converter incl. software (serial connection)		9590387
Additional lock barrels (up to 10)		on request

Laboratory refrigerators and freezers with Comfort electronic controller and spark-free interior

HFC-free



Laboratory refrigerators and freezers with Comfort electronic controller and spark-free interior	LKexv 3910 MediLine	LKUexv 1610 MediLine	LGex 3410 MediLine	LGUex 1500 MediLine
Total gross / net capacity	360 / 344 l	141 / 130 l	310 / 284 l	139 / 129 l
Exterior dimensions in mm (w/d/h)	600 / 615 / 1840	600 / 615 / 820	600 / 615 / 1840	600 / 615 / 820
Interior dimensions in mm (w/d/h)	440 / 435 / 1635	440 / 435 / 670	420 / 400 / 1587	454 / 450 / 663
Energy consumption in 24h*	0.865 kWh	0.863 kWh	1.309 kWh	0.926 kWh
General				
Cooling system	dynamic	dynamic	static	static
Defrosting method	automatic	automatic	manual	manual
Temperature range	+3°C to +8°C	+3°C to +8°C	-9°C to -30°C	-9°C to -26°C
Housing material / colour	steel / white	steel / white	steel / white	steel / white
Door / lid material	steel	steel	steel	steel
Liner material	white plastic	white plastic	white plastic	white plastic
Type of control	electronic controller	electronic controller	electronic controller	electronic controller
Temperature display	external digital	external digital	external digital	external digital
Power failure alarm	when mains power returns	when mains power returns	when mains power returns	when mains power returns
Temperature and door open alarm	visual and audible	visual and audible	visual and audible	visual and audible
Interface	RS 485	RS 485	RS 485	RS 485
Volt-free contact	•	•	•	•
Adjustable storage shelves	5	3		
Usable shelf area in mm (w/d)	440 / 420	440 / 420		
Shelf material	glass	glass	evaporator plates	evaporator plates
Shelf loading capacity	40 kg	40 kg	24 kg	24 kg
Number of drawers / baskets			8 / -	3 / 1
Shelf height in mm			185	149
Handle	ergonomic slimline handle	ergonomic slimline handle	ergonomic slimline handle	ergonomic slimline handle
Lock	•	•	•	•
Self-closing door	•	•	•	•
Door hinges	right hand, reversible	right hand, reversible	right hand, reversible	right hand, reversible
Gross / net weight	74 / 68 kg	41 / 39 kg	92 / 87 kg	45 / 42 kg
Climate rating	SN-ST	SN-ST	SN-ST	SN-ST
Sound power level	43 dB (A)	42 dB (A)	45 dB (A)	42 dB (A)
Refrigerant	R 600a	R 600a	R 600a	R 600a
Voltage / Connection rating	220-240 V~ / 1.5 A	220-240 V~ / 1.0 A	220-240 V~ / 1.5 A	220-240 V~ / 1.0 A
Accessories				
Glass shelf	9293629	9293629		
Stacking kit, white		9876687		9876687
Roller set		9590521		9590521
Evaporator cover, white	9590525	9590523		
Adjustable legs	9590233		9590233	
NTC product temperature sensor	9590407	9590407	9590407	9590407
Converter incl. software (serial connection)	9590387	9590387	9590387	9590387
Additional lock barrels (up to 10)	on request	on request	on request	on request

* measured at +25°C ambient temperature and +5°C set temperature for fridges and -20°C for freezers.