

SURGICAL ASPIRATORS FOR HIGH SUCTION PROCEDURES

Suction Pump is used for suction of blood septic fluids and serous liquids from natural and artificial body orifices of patients in surgery and first aid. The suction pump is powerful, oil-less 60 l/min. Body is epoxy painted and made of non-magnetic anticorrosion aluminum with wheels and equipped with autoclavable or disposable jars according to end user needs.

6110-A3 SIEM
CODE 66133

ELECTRICAL SURGICAL ASPIRATOR
In compliance with all standards and
Medical Device Directives
DDM 93/42 CEE (D.Lgs. 46/97)
and subsequent amendments
and additions (2007/47/CE)
(RDM: 12748/R - CND: Z120105)



Technical characteristics:

HIGH-VACUUM HIGH-FLUX
Air flow: 60 l/min, $\pm 3,5$ m³/h.
Vacuum level: up to 0.80 bar (600 mmHg)
Adjustable vacuum regulation: $0 \pm -0,80$ bar
Time to reach 0,6 bar: 6,80" with 2000 ml jar

Working: CONTINUOUS OPERATION
Rated voltage: 230 V $\pm 10\%$, 50 Hz
Rated power / current: 95 VA
Electrical safety: class I, type B
Degree of protection: IP33
Operation noise level 1mt: < 45 dB

Estimated operating life: 10 years
Spare parts availability: 15 years

NON-MAGNETIC ALUMINIUM wheeled case
High corrosion resistance epoxy painted
Compact design and small size
4 arms aluminum trolley
4 wheels with brake diam 80 mm
Width 550, Depth 450, H. 940 mm
Weight 12,00 Kg.

Mechanical vacuum regulator
High width and visibility Vacuum gauge from 0 to -1 bar
Changeover suction switch, jar 1 - jar 2
Pneumatic footswitch

Anticontamination with hydrophobic bacterial/viral filters
Four excessive antifilling devices,
with two floating overflow valves in the cap,
and two 100 ml jars with floating overflow valves

Working conditions: 15 - 40 °C, 10 - 75 % RH
Storage conditions: 10 - 60 °C, 10 - 95 % RH
The unit is under warranty from the dealer that sold
you the unit



	6110-A3 SIEM code: 61133	
	INCLUDED ACCESSORIES SET	
60750.1	Socket, cable and connector	n. 1
90067	Polycarbonate jar 5000 ml with cap and overflow valve (Graduated 4000 ml)	n. 2
90021	Clamp holder for jar 5000 ml	n. 2
90068	Over flow jars 100 ml with floating over flow valve	n. 2
66974	Antibacterial/viral filter 11x11 mm	n. 2
66609	Hydrophobic "LIQUID STOP" Filter	n. 2
66233	Silicon tube 7x13mm	4 m
60777	Changeover suction switch	n. 1
66180	4 arms aluminum trolley	n. 1
81016	4 wheels with brake diam 80 mm	n. 1
	Pneumatic footswitch	n. 1
	OPTIONAL	
	Polycarbonate Jar 2000 ml	
	Polycarbonate jar 3000 ml	
	Disposable bags and jars	

SIEM-NOVA cares about the environment, using materials that are easily recyclable and eco-friendly;
reserves the right to make technical changes and improvements to its machines at any time and without notice, in compliance with safety and quality.

Siem-Nova s.r.l. - Singly held company - VAT: IT-11578000157 - Street Claudio Varalli n° 1 - 20089 ROZZANO (Mi) Italy



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SURGICAL ASPIRATORS FOR HIGH SUCTION PROCEDURES

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CODE 66133



CE 0051

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Pag.2

PRODUCTS TO BE USED WITH SIEM NOVA SURGICAL ASPIRATORS FOR COLLECTION OF ORGANICAL LIQUIDS.

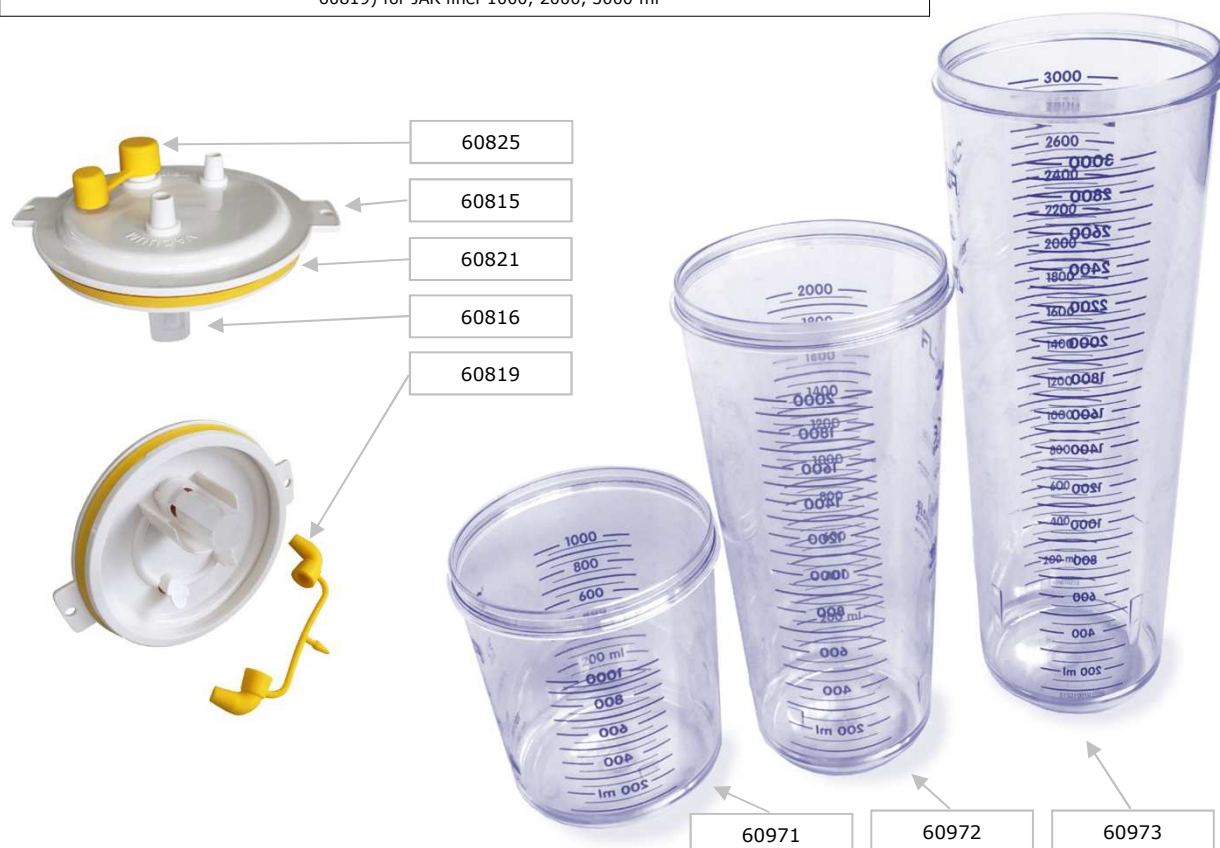
FLOVAC® device is used for the collection of aspirated organic fluids and has been designed and built for "high-flux and high-vacuum" applications (EN ISO 10079-3). The hermetical cap sealing gives hygiene, easiness and security to the disposal phase, both for patient and for personnel assigned to the replacement or to the removal of the device.

In compliance with all standards and Medical Device Directives DDM 93/42 CEE (D.Lgs. 46/97) and subsequent amendments and additions (2007/47/CE).

Code	CND	RDM	Description	Box
60971	A0680	84360	JAR REUSABLE LINER 1000 ml	Q.ty 10
60972	A0680	84360	JAR REUSABLE LINER 2000 ml	Q.ty 10
60973	A0680	84360	JAR REUSABLE LINER 3000 ml	Q.ty 10
60815	Z120105	12748/R	Reusable polycarbonate lid with: "V" Gasket (code 60821) overflow valve with gasket and floater (code 60816) Yellow rubber plug (code 60825) and yellow pipe connections (code 60819) for JAR liner 1000, 2000, 3000 ml	Q.ty 10

**LATEX
FREE**

Liner



These devices have been designed and manufactured for "high flow and high vacuum" applications and are available with a capacity of 1000 ml, of 2000 ml and 3000 ml with lid. Jar and lid are made of polycarbonate. All containers are equipped with an overflow valve, are supplied with two spare elbow connectors, to set up any possible connection between the jar, the suction line and the patient, and are obviously autoclavable (121 °C - 15 min.). If higher sterilization temperatures are required, a PSU version is also available for the three sizes (134 °C - 18 min.). An external graduated scale gives indications about the level of filling.

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PRODUCTS TO BE USED WITH SIEM NOVA SURGICAL ASPIRATORS FOR COLLECTION OF ORGANICAL LIQUIDS.

Serres suction linear system is used for clinical suction of blood and other fluids. Serres suction system consists of reusable jars and disposable liners. Serres suction liner system is revolutionary in comparison with traditional liners. All Serres liners have only one connection, just connect the patient tubing and the liner is ready for use. The purpose of Serres has always been safety and comfort for the patients and the hospital staff. Every Serres liner is equipped with hydrophobic filter, which acts as combined bacterial filter and overflow protection. Single connectivity assures correct use under stressful applications such as ICU or other emergencies. The film used for the liner is very strong and fulfils the highest requirements of continuous suction. Serres suction liner system has been designed to improve hygiene and to prevent infections. When used liner is capped, the fluids are contained inside with no risk of direct exposure and the hydrophobic filter will automatically block once it gets in direct contact with the fluids, preventing the overflow of fluids into the suction unit. The disposal of the used liners is done in compliance with the relevant hospital and regulatory authorities recommendations depending on the place of use. Serres OV is produced in respect of nature and of reduction of harmful pollutants and therefore Serres suction liner system is totally PVC free.

In compliance with all standards and Medical Device Directives
DDM 93/42 CEE (D.Lgs. 46/97) and subsequent amendments and additions (2007/47/CE)

Code	Description	Box
60961	JAR REUSABLE SE 2000 ml	Q.ty 10
60815	Reusable polycarbonate lid with: "V" Gasket (code 60821) overflow valve with gasket and floater (code 60816) Yellow rubber plug (code 60825) and yellow pipe connections (code 60819) for JAR 2000 ml	Q.ty 10



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ANTIBACTERIAL AND ANTIVIRAL HYDROPHOBIC FILTERS

to be used with organic liquids collection surgical aspirators

"ANTIBACTERIAL / VIRAL" FILTER

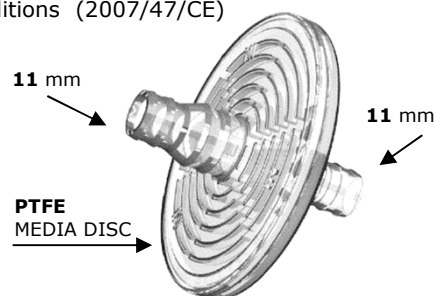
The use of ANTIBACTERIAL/VIRAL filter avoids the contamination between the patient and the Siem-Nova surgical aspirator UNI EN ISO 10079/1 directive, point 44.7: effusion, loss, humidity, ingress of liquid, sterilization, disinfection. Mounted with pressure on the tube before the jar of aspirated liquids, of the surgical aspirator in order to avoid both the bacterial pollution of the aspirator and the introduction in the environment of polluted air. The filter is tested following BS 3928 tests and allows an efficacious removal of BACTERIAL and VIRAL micro particles. The PTFE filtering membrane is double acting and avoids the problems linked to the orientation of the aspiration. The Filter is transparent, done in STYROLUX with high resistance, very light prevents aspiration tube twisting.

In compliance with all standards and Medical Device Directives

DDM 93/42 CEE (D.Lgs. 46/97) and subsequent amendments and additions (2007/47/CE)

Technical characteristics:

PTFE HYDROPHOBIC MEDIA DISC filtering membrane
High resistance acrylic and transparent STYROLUX casing
NELSON LABORATORIES USA TEST;
Removes particles from 0,27 µm with an efficiency of 99,9999%
Bacterial viral removal with a filtering efficiency of 99,9999%;
Filtering area 24.6 cm²
Maximum temperature ≥ 100 degrees C;
Maximum pressure ≥ 1,378 bar (137, 80 kPa)
Pressure tight 0.69 bar (69,00 kPa) for 10 minutes
Sterilization compatible with ETHYLENE OXIDE;
Materials used have passed the tests of plastic cito-toxicity



**LATEX
FREE**

CE0051

Code	Description	Box
66974	ANTIBACTERIAL/VIRAL FILTER 11x11mm	Q.ty 30
66974.A	Rubber silicone ADAPTER for filter 11x11mm (code 66974)	Q.ty 30
66609	LIQUID STOP FILTER	Q.ty 30

"LIQUID STOP" FILTER

High-efficiency and reliability hydrophobic filter "LIQUID STOP"

Combined with the antibacterial filter the Hydrophobic filter "Liquid stop" effectively protect the suction pump not only by the body liquid over flow but also by the small drops in the air (aerosol) due to the suction operation; these small drops cannot be stopped by the over flow floating valve on the lid and usually are stopped by the antibacterial filter but often the operator does not replace this filter as indicated and sometimes this means to break the own filter and to contaminate and damage the pump.

All SIEM NOVA Suction equipment could be equipped with "LIQUID STOP FILTER"



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Pag.5