

Negative pressure wound drainage machine intelligence

MedVAC

Vacuum Assisted Closure

Patent Number: Utility ZL 2011 30150021.9 Appearance ZL 201430202321.0

Invention 20150379238.4



Negative Pressure Wound
Drainage Machine Intelligent

MedVAC

PROMISE YOU A HEALTHY CENTURY

■ Product Features

- With ultra-low negative pressure design (-50mmHg to -450mmHg) which is continuously adjustable.
- With super-smart design and multi operating mode which is more practical.
- With stable performance and long life which can operate more than 10,000 hours continuously.
- The elaborate designed muffler system controls running noise of the device in a very low range (less than 45 dB), which does not affect the patient's rest.
- With microcomputer chip controlled, it has high accuracy and user-friendly operation interface.
- Its intelligent memory system can automatically record the parameters and modes in the last setup, free from repeatedly setting after each starting up.
- LCD digital display makes it convenient for user to adjust and operate.
- Multiple safety power supply solutions:
 - 1.It adopts AC/DC power supply with the host in use of full DC power, having no danger of electric shock;
 - 2.Its built-in spare battery may still endure four hours after a power failure, while it can last eight hours in intermittent mode ;
 - 3.A 12V 5A vehicle DC power supply can also be used to ensure the continuous treatment of patients with negative pressure suction unit, when being transferred or going out;
- Equipped with overflow alarm device, the unit will automatically stop in service and alarm when the dirty liquid reaches the warning line, to prevent the solution into the host and to avoid secondary pollution and damage.
- With the function of automatic gas-leak alarm, the unit will then spontaneously stop and alarm when the negative pressure value remains no change within 10 minutes after the operation.
- Multiple safety protections: gas-leak alarm, automatic overheat prevention, overflow prevention, etc.



■ Product Property

Adjustable scope:
10mmHg

Negative pressure range:
-50 mmHg -450 mmHg;
pressure display error:
+0.2%

Suction flow:
1.5L/min ~ 8.0L/min

Intelligence Setup:
multi operation setup,
more practical

Noise:
not more than 45Db

External power supply:
12V 5A DC switch power (me-
dically certified); the host, DC
powered , has no risk of electric
shock;

Operation status:
continuous and intermit-
tent

multiple safety protections:
leakage alarm; automatic heat
dissipation while overheated,
anti-overflow protection

■ Scope of Application:

Suitable of acute wound , chronic diabetic wound and wound drainage of more exudate after surgery.

■ Contraindications:

Debridement undone or wound with the necrotic eschar; Wound with tumor tissue; Sinus connected with the organs; Wound with great vessels or organs exposed.