

The device for negative pressure therapy (NPT) is used as a tool to reduce the healing effective time of the patient. The NPT device helps reduce the chances of infections, markedly increases the formation of granulation tissue, and helps keep the wound clean before the definitive healing.



### **The NPT device provides benefits such as:**

Allows the patient or the health professional to turn the machine off when an alarm turn on and it cannot be addressed immediately. The antimicrobial gauze allows the patient to be disconnected up to 48 hours (dependent exudate) without risk of infection.

- Variable pressure therapy technology, adjustable to each patient.
- Cost-benefit results.
- Fully customized
- TPC, Continuous pressure therapy, adjustable to each patient.

Indicated for patients with chronic ulcers, due to diabetes or pressure; also acute or sub-acute, traumatic or dehiscence; flaps and grafts.

Minimizes the possibility of secondary infections, facilitates the formation of granulation tissue and clean the wound before the closure, using flap or graft.

The therapy can be prescribed in patients with acute or chronic injuries at household or intrahospitalary level.

## TECHNICAL SPECIFICATIONS

Pump Air flow	8L/min
Vacuum	Max. -200 mmHg*; Conversion factor: 1kPa ~ 7.5 mmHg
Container	SIMEX300 Disposable Container System
Aspiration Cannula	Collection tubes with different systems, depending by provider and specific clinical application. Type and class are determined by medical personnel.
Nominal Voltage of charger adapter	100-240V Primary IN/ 12VDC Secondary IN
Current maximum charge	1,25 A
Current Frequency	50/60 Hz
Nominal voltage of electronic circuits	12 V
Energy	15W (charging and working)/ 10W (just charging)
Current consumption	1.25 A @12 V/ 0.65 A @24 V
Rechargeable battery	7.4 V, 4.4 Ah- Lithio- ion
Battery time charge	6- 7 hours
50% battery time charge	3- 3.5 hours
Dimensions (Height x Width x Depth)	290 x 259 + 100mm (container)
Weight (Basic device)	2.2 kg
Work time	AC Current: Continuous work. DC battery: Aprox. 10 to 24 hours by use
Work Mode	Intermittent aspiration
Protection class IEC 60601-1	Type BF IP20
Risk by 93/42 / UE, attached IX	Ila
Protection class IEC 60601-1	II
CE certificate	CE0483
Noise	38dB (A)
Environmental Conditions	Transport/ Storage: -10° C to +60° C. Operation: +5° C a +35° C Load temperature recommended: +15° C + 30° C. Relative humidity: from 5 to 80%, without condensation. Air pressure: 860hPa – 1060hPa
Item number	100399
UL Clasification	Medical suction unit: Risk of electric shock and mechanical hazards only in accordance with UL606 011/ CAN/ CSA C22.2 No.601.13KCX