

Thopaz™



PROVIDING ADVANCED TREATMENT
WITH EASE



Thoracic Drainage System

Thopaz™

Functionality and simplicity with objective readings

Thopaz sets new standards in thoracic drainage therapy: The compact system provides regulated negative pressure close to the patient's chest, based on the patient's air leak. It monitors the air leak and only applies the suction required to maintain the negative pressure prescribed and set by the managing physician. The digital display provides objective data in real time as well as a 24-hour historical graph of the air leak, which allows easy tracking of the therapy progress. Set-up and handling of Thopaz is very easy, with well-designed accessories adding even more comfort to the lightweight system.

Thopaz offers a progressive, innovative therapy that allows physicians and nursing staff to monitor air leaks objectively, aiding them to make timely, objective decisions in chest tube management – which potentially translates into cost savings for hospitals.



Benefits

- Unrestricted mobility of the patient may promote a quicker healing process.
- Objective real time readings and historical air leak data provide reliable information for timely decision on when to remove the chest tube.
- Important monitoring functions provide peace of mind.
- Easy set-up and operation provides simplicity and ease of use for clinicians.

Early patient mobilization facilitates quicker patient recovery after surgery

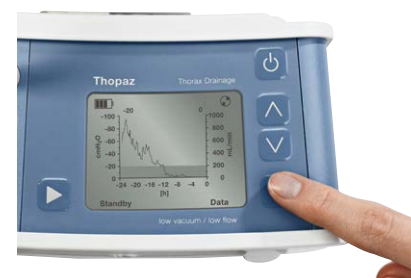
Thopaz is lightweight and compact. With an integrated suction source and rechargeable battery, patients enjoy freedom to ambulate without being attached to wall suction. Early ambulation may contribute to a quicker healing process, reducing the length of hospital stay.



Handy and lightweight system

Objective data enables confident decision making for chest tube management

Thopaz provides digital real time data and a 24-hour trend of the air leak. Treatment data of pressure and flow rate can be transferred to a PC and included in the patient's records. Continuously recorded treatment data allows the physician to manage air leaks in an objective manner, providing evidence based decisions for safe chest tube removal. This feature may lead to a reduced number of chest x-rays and an early discharge of a patient.



Objective data about the therapy

Important monitoring functions provide peace of mind

The safety features of Thopaz include alarms that alert clinical personnel for prompt intervention in case of irregularities. Thopaz continually monitors and regulates the negative pressure close to the patient's chest, resolving the common problems experienced with the tubing in non-regulated chest drains, such as siphons, clogs and kinks. This also enables the placement of Thopaz at the level of the patient's chest.

"The expression of air leak in mL/min... and the capability to record and retrieve the information makes it possible to standardize chest tube management across different surgeons and institutions, translating into important clinical benefits"

Consensus definitions to promote an evidence-based approach to management of the pleural space. A collaborative proposal by ESTS, AATS, STS and GTSC. Brunelli et al. (2011). Eur J Cardiothorac. Surg.

Ease-of-use supports the clinical personnel in their daily work

The simple assembly of the Thopaz tubing and canister, combined with the closed collection of fluids provides staff with an easy to use, hygienic drainage system. The intuitive functionality makes Thopaz simple to operate, and the display of objective, recorded data means clinicians no longer have to estimate the size of air leaks. Together, these features reduce and simplify the work of the clinical personnel.



Easy change of canister

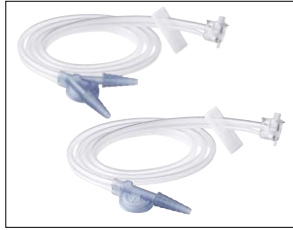
Optimising patient care through pioneering
and intelligent, mobile, digital chest drainage therapy.

Consumables

Thopaz tubings

The patient tubing comes with double lumen: one to measure and monitor the pressure, and one for the collection of secretions.

Every 5 minutes, the tubing is flushed with a small amount of air, to avoid clogging in the secretion tube and an interruption of treatment.



Thopaz canisters

For the collection of fluids, Thopaz offers three disposable canisters with 0.3, 0.8 and 2 liters capacity, with or without integrated solidifier. The innovative press & shake technology permits an on-demand release of solidifier and an unimpaired fluid quantification until the canister is full.









Accessories

Docking station

Thopaz comes with a docking station that can be placed on a level surface or be attached to a standard rail or IV pole by means of a clamp. More mobile patients can use the carrying strap that is conveniently placed across the shoulder, leaving their hands free.



Technical data

	Low vacuum - 10 kPa - 75 mmHg - 100 mbar/cmH ₂ O
	low flow 5 L/min.
	1 kg Without canister 2,2 lbs
	 IP33  0123



The unique press & shake technology provides a hygienic and cost effective disposal of canisters.

Medical Vacuum Technology for Healthcare Professionals

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