

# 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

Thopaz is a small, compact drainage system that offers benefits to patients, physicians and nursing staff alike:

- 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 support the nursing staff in their daily work.

### Early patient mobilization encourages quicker patient recovery after surgery

Thopaz is lightweight and compact. With the integrated suction source and, the rechargeable battery, patients enjoy the freedom to ambulate without being attached to wall suction.

Early ambulation can play an important role in promoting a quicker healing process and reducing the length of hospital stay.



Handy and lightweight system

### Objective data helps to advance decision making for chest tube management

Thopaz provides digital real time data and a 24-hour trend of reading. The collected data of pressure and flow rate can be transferred to a PC and be included in the patient's records.

The continuously recorded treatment data allows the physician to manage air leaks in an objective manner, providing a significant advantage when making safe decisions for chest tube removal. This feature may lead to a reduced number of chest x-rays and an early discharge of the patient.



Objective data about the therapy

### Important monitoring functions provide peace of mind

The safety features of Thopaz include alarms that alert the nursing personnel for prompt intervention in case of irregularities.

Negative pressure is regulated close to the patient's chest, with the double lumen tubing enabling detection of tubing-associated complications such as siphons, clogs, kinks, etc.



Easy change of canister

### Regulated negative pressure close to the patient's chest assists the physician in managing the pleural space.

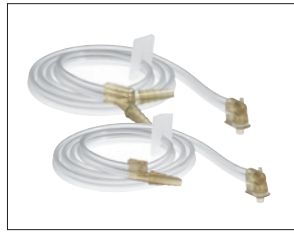
- Thopaz maintains the negative pressure level set by the physician close to the patient's chest and thus helps to compensate pressure fluctuations associated with the patient tubing, independently of the placement of the unit.
- Thopaz provides active suction only when required by the patient's air leak, to maintain the prescribed negative pressure.
- Thopaz monitors the patient's therapy and alerts in case of irregularities.

## 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 two disposable canisters with 0.3 L and 0.8 L 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<sub>2</sub>O

 low flow  
5 L/min.

 1 kg  
2,2 lbs Without canister

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

## Medical Vacuum Technology for Healthcare Professionals

**Please contact us or your local Medela representative for details.**

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