

Precautions and unpacking



Before switching on the unit, the user should read the safety instructions supplied with the detector.

Unpacking

When the equipment is received, unpack it carefully: do not discard the packaging until you have made sure that the unit has not been damaged during transport.

The following are supplied with your unit:

- an User's Manual,
- a maintenance kit,
- the calibration certificate of the internal calibrated leak,
- a remote control (console version only),
- a RS 232 User's manual.

(if one of these parts is missing, contact ALCATEL immediately).

Check the **packaging tilt indicator** of the detector.

Before opening, check the **name of the model** and the **serial number**.

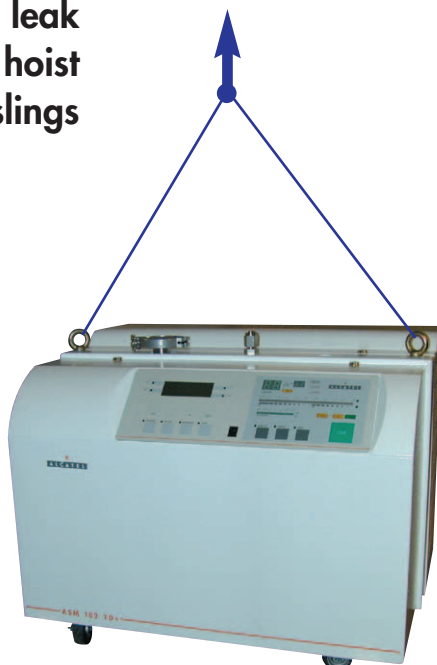


After opening, check the color of the **desiccant bags** packed in the detector casing (red in the event of humidity).

In the event of an anomaly, take the necessary action with the shipper and notify Alcatel if necessary.

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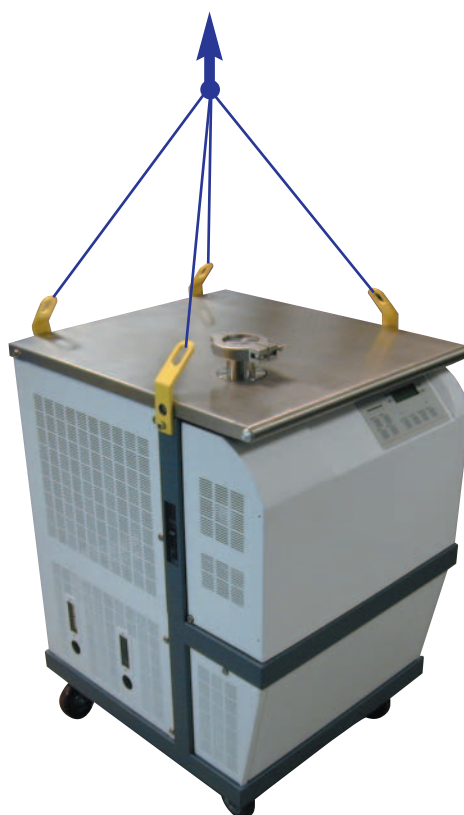
Handling the leak detector with a hoist and slings



ASM 182 TD+ compact version

- Two lifting rings are supplied with the leak detector. Plugs are also supplied to replace the rings during normal use of leak detector.

Note: If the operator doesn't use a hoist, 2 people are necessary to carry the leak detector.
Weight: 88 kg



ASM 192 T2D+ compact version

- Four lifting rings are supplied with the leak detector. They will be screw at the back of leak detector after unpacking.

■ In the event of any damage, contact ALCATEL.

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Precautionary measures for the leak detector installation

■ The leak detector is equipped with 4 pivoting wheels without brake, (2 wheels with brake on the ASM 192 T2D+).

So:

- If the detector is placed on a high surface, the operator should take care to lock the wheels of the detector.
- It's forbidden to place the leak detector on a sloping surface ($> 1\%$) without take precautions for its translation stop.

Corrosive and dangerous gasses



Alcatel can not take any responsibility or apply any warranty on a leak detector which is used with a presence of corrosive or dangerous gasses: all our leak detectors are not designed to pump dangerous substances.

A helium leak detection operation must be made in a safe environment for the user and the equipment: all precautions must be taken by the user of the leak detector in that respect (especially to eliminate the presence of chemicaly, aggressive, toxic or hazardous substance prior to the test operation).

Storage



For prolonged storage, factors such as temperature, humidity, saline atmosphere, etc. may damage the detector elements. Please call your local representative for further information. Before starting up after storage for over six months, it is recommended to change all the seals (contact customer service).

The seals kits must be kept away from heat and light (direct sunlight and ultraviolet light) in order to prevent hardening of the elastomers.

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Installation

Check that the power voltage is compatible with the power configuration of the leak detector. Check the indications of the label located close to the power switch.

 **Change the power configuration
of the leak detector**  **E 200**
(Technical Reference Manual only)

The performances of the detector (pumping speed, accuracy and reliability) depends on:

- the ambient temperature;
- the vacuum connections;
- the frequency and quality of maintenance;
- the helium calibration.

Position the unit so there is no possible risk of falling or tilting.