



**Desiccators Normax<sup>®</sup>**

**EN**

**instructions manual**

Desiccators Normax are manufactured to be used in laboratory to dry samples or to keep hygroscopic substances dry.

When a more effective or faster drying is needed, Normax provides vacuum desiccators.

NORMAX® desiccators are available in the following range of models and sizes:



NORMAX® desiccators are marked with Normax brand to ensure authenticity.

| Without stopcock | Sizes (mm) |
|------------------|------------|
| 4906119          | 150        |
| 4906124          | 200        |
| 4906131          | 250        |
| 4906134          | 300        |

| Vacuum        |            |                        |            |
|---------------|------------|------------------------|------------|
| With stopcock | Sizes (mm) | With rot. sleeve valve | Sizes (mm) |
| 4906019       | 150        | 4906519                | 150        |
| 4906024       | 200        | 4906524                | 200        |
| 4906031       | 250        | 4906531                | 250        |
| 4906034       | 300        | 4906534                | 300        |

All the components are available as spare parts, if necessary.



| Lid without stopcock | Sizes (mm) |
|----------------------|------------|
| 4906219              | 150        |
| 4906224              | 200        |
| 4906231              | 250        |
| 4906234              | 300        |

| Lid for vacuum    |            |                            |            |
|-------------------|------------|----------------------------|------------|
| Lid with stopcock | Sizes (mm) | Lid with rot. sleeve valve | Sizes (mm) |
| 4906319           | 150        | 4906619                    | 150        |
| 4906324           | 200        | 4906624                    | 200        |
| 4906331           | 250        | 4906631                    | 250        |
| 4906334           | 300        | 4906634                    | 300        |

| Bottom  | Sizes (mm) |
|---------|------------|
| 4907119 | 150        |
| 4907124 | 200        |
| 4907131 | 250        |
| 4907134 | 300        |



| Porcelain plate | Sizes (mm) |
|-----------------|------------|
| 4906402         | 150        |
| 4906404         | 200        |
| 4906405         | 250        |
| 4906406         | 300        |

| Metal plate | Sizes (mm) |
|-------------|------------|
| 4906502     | 150        |
| 4906504     | 200        |
| 4906505     | 250        |
| 4906506     | 300        |

| Stopcock | IN |
|----------|----|
| 9065021  | 14 |

The size of a desiccator is easily identified by the approximate inner diameter, in millimeters.

Tightness and pressure resistance  
Normax desiccators were designed and are tested to ensure to conformity with the requirements of international standard ISO 13130 regarding pressure resistance and tightness.

**Normax desiccators have a 5 years warranty against defects.**

## Operating instructions

For any model of NORMAX® desiccators, before use, please verify if there is any damage of the components. Never use a damaged desiccator.

Install the desiccator bottom on a flat surface;

Add the drying agent (e.g. silica gel) without surpassing the level of the plate;

Insert the plate;

Apply a thin layer of lubricant to the ground surfaces;

For vacuum models provides with a stopcock, insert the stopcock in the desiccators' cover and firmly attach the screw cap;

Make sure that the screw cap of the stopcock is also firmly attached;

The desiccator is now ready to use.

Insert the product to dry and close the lid, making sure that the cover and bottom flanges are aligned;

**For use under reduced pressure**, please proceed according to the following instructions:

Connect the vacuum line to the side tube of the desiccator using a flexible tube;

Open the stopcock and extract the air. Close the stopcock.

To open the desiccator, open the stopcock slightly to allow the air to flow in slowly. As soon as the inner pressure is stabilized, slide the cover laterally to open the desiccator.

These instructions and warranty are valid only for the desiccators manufactured by NORMAX®

The use of Norm ax's desiccators is extremely simple. Nevertheless, if you experience any difficulty, please verify the following aspects:

- Verify if the stopcock is closed or open;
- Is the vacuum pump working?
- Is the connection tube damaged?
- Is the connection tube size adequate?
- Are the ground joints, clean and lubricated?

To assure an excellent performance, use only Normax components.

For the models with sleeve valve, if it gets stuck, please proceed as follows:

- remove the rubber o-ring and release the sleeve valve (do not force the side tube);
- If necessary use a rubber hammer to release the components by tapping gently;
- clean both parts of the valve with hot water and detergent. Dry, lubricate and assemble.

## Environmental information

Soda-lime glass is 100% recyclable.

The cardboard box can be reused and is 100% recyclable.

Some models have polypropylene recyclable components.

Metal plates are recyclable.

Porcelain plates and borosilicate stopcocks should not be sent for recycling with soda-lime glass.

## Safety information

Desiccators should never be used if any part is damaged.

Desiccators should not be heated partially.

Direct flame heating is not advised.

Avoid sudden changes in pressure or temperature.

Do not hold the lid by the side tube.

## Accessories

| Ref.      | Características        |
|-----------|------------------------|
| 719270    | Protection glove       |
| LG9116950 | Joint grease           |
| 8GE0043V  | Orange Silica Gel 1 kg |
| 8GE0043W  | Orange Silica Gel 5 kg |

\*Decontamination may be required before recycling.



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