



# LaboDoser-10

## Instruction Manual

**Original Instructions**



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## 1 About this manual



### CAUTION

Struers equipment must only be used in connection with and as described in the Instruction Manual supplied with the equipment.



### Note

Read the Instruction Manual carefully before use.



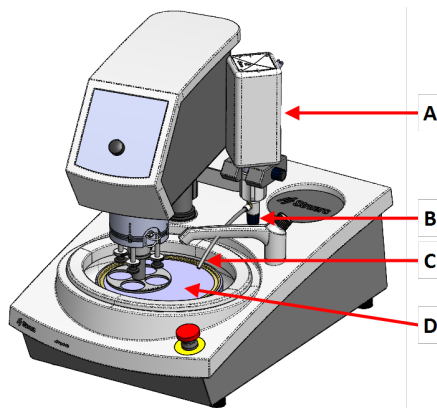
### Note

If you want to view specific information in detail, see the online version of this manual.

## 2 Get started

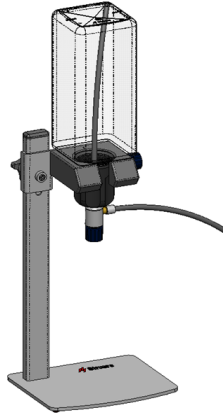
### 2.1 Device description

LaboDoser-10 mounted on LaboPol



- A LaboDoser-10 diamond suspension/lubricant bottle
- B Adjustable valve
- C Dosing nozzle
- D Preparation disc

### LaboDoser-10 mounted on a LaboDoser-10 table stand



## 2.2 Check the packing list

The packing box contains the following items:

Pcs.	Description
1	LaboDoser-10 unit with 1.0 liter bottle
1	Suction tube for 0.5 liter bottle
1	Tool for removing Easy connector insert
1	Allen key 3 mm
1	Bracket for doser arm
2	Hexagonal socket screws
1	Instruction Manual set

## 2.3 Unpack the machine



### Note

We recommend that you keep all original packaging and fittings for future use.

1. Cut the packing tape on the top of the box.
2. Remove the loose parts.
3. Remove the unit from the box.

### 3 Installation



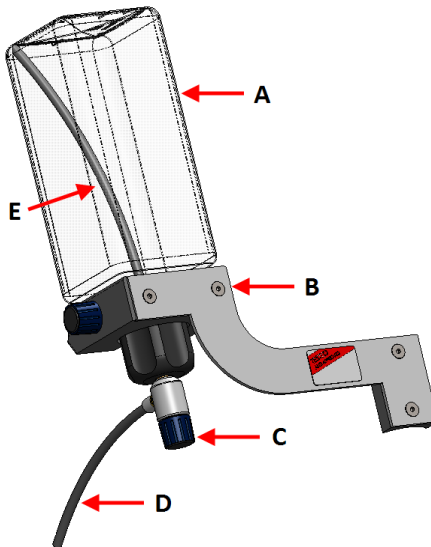
#### Hint

If diamond suspension/lubricant is not to be used for a prolonged period of time, remove the bottle from the bottle holder and store it upright.

LaboDoser-10 can be mounted on the column of the following units:

- LaboUI
- LaboForce-50
- LaboForce-Mi

#### Procedure



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**A** Diamond suspension/lubricant bottle

**B** Doser arm

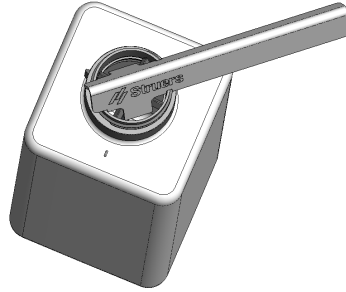
**C** Adjustable valve

**D** Dosing nozzle

**E** Suction tube

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1. Use the bracket and the two screws to mount the dosing arm on the column of the machine.
2. If a new bottle with diamond suspension/lubricant is used, remove the lid and use the tool to remove the Easy connector insert on the bottle.



3. LaboDoser-10 cap is mounted with a suction tube (A) for a 1.0 liter bottle.  
If a 0.5 liter bottle is used, change to the short tube (B).

**Note**

Make sure to mount the tube with the angled end facing downwards.

4. Attach the bottle cap with adjustable valve onto a Struers diamond suspension/lubricant bottle.
5. Insert the bottle into the doser arm.

## 4 Operating LaboDoser-10

The operator adjusts a valve to deliver the required amount of diamond suspension/lubricant on the preparation disc.

1. Place the dosing nozzle in the optimal position over the preparation disc.
2. Open the valve and adjust the diamond suspension/lubricant dosing level.

3. When the preparation step has been completed, close the valve to stop dosing.

## 5 Change the diamond suspension/lubricant

Struers recommends using a separate bottle cap for each consumable.

To use the bottle cap with another consumable:

1. Remove the bottle.
2. Hold the bottle firmly and remove the bottle cap.
3. Empty the bottle and fill it with a mild soap solution.
4. Open the valve and clean the dosing nozzle.
5. Exchange the soap water with clean water and repeat the above procedure.
6. Put the bottle cap on a Struers diamond suspension/lubricant bottle.

## 6 Maintenance

If LaboDoser-10 has not been used for a longer period, we recommend cleaning it before use and remove any dried diamond suspension/lubricant.

## 7 Manufacturer

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### **Responsibility of the manufacturer**

The following restrictions should be observed, as violation of the restrictions may cause cancellation of Struers legal obligations.

The manufacturer assumes no responsibility for errors in the text and/or illustrations in this manual. The information in this manual is subject to change without notice. The manual may mention accessories or parts not included in the supplied version of the equipment.



The manufacturer is to be considered responsible for effects on safety, reliability, and performance of the equipment only if the equipment is used, serviced, and maintained in accordance with the instructions for use.

en For translations see  
bg За преводи вижте  
cs Překlady viz  
da Se oversættelser på  
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el Για μεταφράσεις, ανατρέξτε στη διεύθυνση  
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