

# CFM-Centrifuge for Honey and Uncapping wax

item no. 5000166

## Before initial operation, please regard

The centrifuge must be anchored to the floor. Mounting material and rubber buffer are included in the delivery. Not anchored centrifuges are not allowed to be used.

Please use the centrifuge only for separating the wax and the honey. Otherwise the guarantee is not valid anymore.

**Don't spray off the machine!**  
**Unplug the power plug before cleaning!**

## Measuring and weights

- Size ratio min. 70 x 70 cm for the centrifuge
- Height of the centrifuge 90 cm
- Inner cage diameter 43 cm, inner cage height 27 cm
- Length controls cable 3 m
- Weight of centrifuge 70 kg
- Weight of controls on a separate stand 13 kg
- Engine power 750W / 400V, controlled by a single phased frequency converter, connection up to 230 V (Euro – plug)

## Attachment (included in the scope of delivery)

- 1 piece 2 ½" Pipe bend for outlet
- 1 piece Strainer stainless steel fabric coarse
- 1 piece Strainer stainless steel fabric fine
- 1 piece Controls on separate stand
- 3 pieces Express fixing for anchoring in the bottom
- 3 pieces Rubber buffer
- 1 piece Split pin
- 1 piece Pressing tool for centrifuge basket (4 pieces)

### Performance

The centrifuge casing and the basket are made of rust free stainless steel, food safe. Two handles ease the transport. If a honey pump is used the hose can be inserted into the cap notch. The centrifuge can also be filled by a honey bucket. Please make sure that during the filling process – with pump or manually with bucket – that the centrifuge is turned on already and runs with max. speed.



**Please always first start the machine before filling!!!**

In the middle of the basket are 3 stainless steel knives which cut bigger parts into pieces and spread these while the filling process. A specific tool (included in the scope of delivery) can loosen the knife block and the basket can be taken out for cleaning.

The lid is going to be locked by an electrical safety switch as long as the centrifuge is running. The strainer eases the emptying of the centrifuge.



**Before taking out the strainer which is clogged filled with wax it is mandatory to put the knife cover socket over the knife block. Otherwise you could suffer from cutting injuries.**

The control is mounted on a separate stand within a range of 3m. The outlet with 2 ½“ external thread is combined with a pipe bend and placed that high, so a collection container can be placed.

### Operation Manual

Open the lid and insert strainer into the basket. Please make sure, that the strainer is in shape in the basket.

Tighten the knife block properly, so it's seated correctly on the shaft. After closing the lid, connect the control cable to the control unit and close the holding clamp of the plug.

Plug in the control unit.

Adjust the potentiometer to max. speed (100%).

Switch on the centrifuge and wait until the speed is not increasing anymore.

Fill in slowly the uncapping wax of the pump or the bucket. Make sure that you never fill in more than 15 kg into the centrifuge.

Please clean the strainer mesh in the basket when the thickness of the wax film in the strainer reaches 15 mm.

When the wax is extracted out properly, the centrifuge has to be switched off. As soon as the basket stands still the safety switch releases the cap.

Before taking out the wax clogged strainer, please always first pull the knife cover socket over the knife block. Otherwise you can suffer from cutting injuries when putting your hand into the basket!!!

Open the lid and take out the strainer inclusive the clogged wax.  
Please empty the basket completely.  
When the strainer is clean of wax it can be inserted back in.  
Start over again with point 1.

When using the coarse strainer you also can take a bench scraper made of syntethic material to remove the wax particles.

The fine strainer only is useful for filtering the precleaned honey with small wax particles. Therefore please remove the coarse strainer and insert the fine one. Now adjust the speed to 30-40% depending on the consistency. The honey should flow in slowly.

#### After work



**Pull off the plug!**

Clean the centrifuge with warm water and a cloth – for strong dirt you can use alternatively a coarse scrubbing brush. Never use a water hose or pressure washer. Otherwise the motor below the housing can be damaged and you lose your warranty.

After opening and removing the knife blocks, you can remove the basket of the conical shaft for cleaning.

The lid is removable too. Therefore please loosen the self-locking nuts of the cap hinge and pull out the shaft. For the assembling please follow all prior instructions the other way around.

Carl Fritz Imkertechnik GmbH & Co. KG  
Immenweg 1 | 97638 Mellrichstadt | GERMANY  
Tel.: 0049 9776 / 8115-0 | Fax: 0049 9776 / 7126  
Website: [www.carl-fritz.de](http://www.carl-fritz.de) | E-Mail: [info@carl-fritz.de](mailto:info@carl-fritz.de)

released 12/2017