

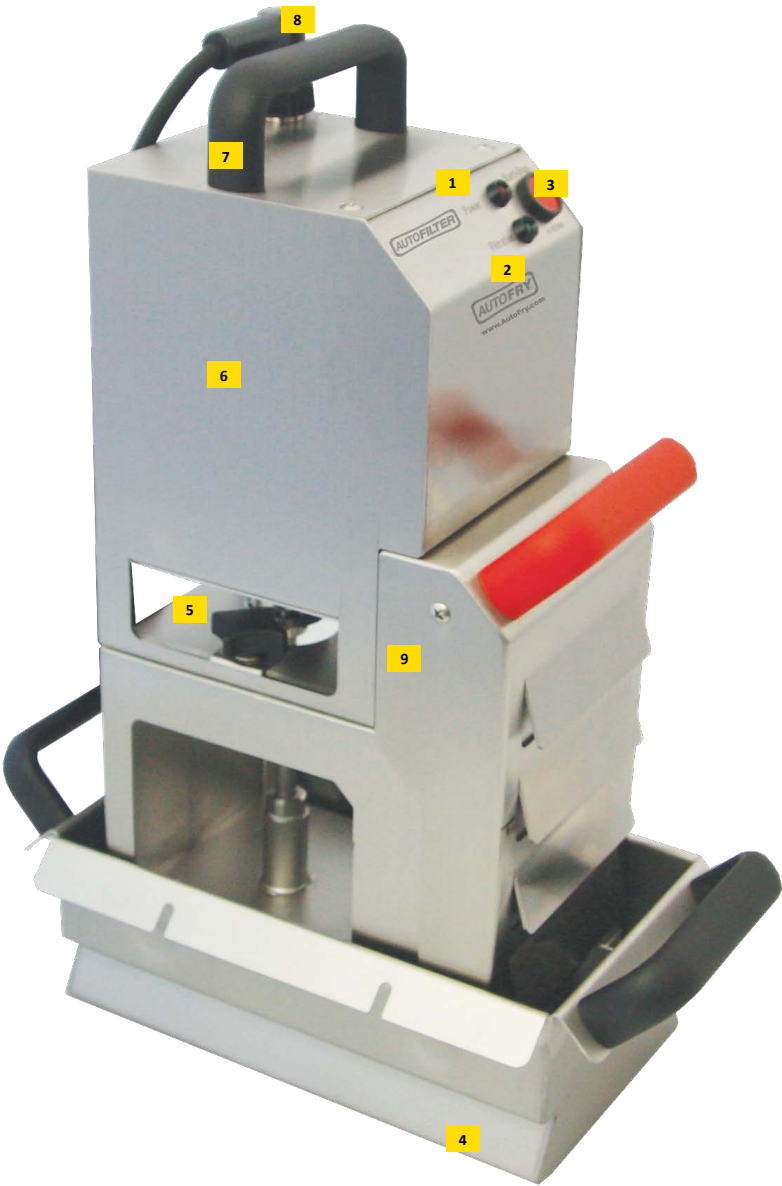


**AUTOFILTER**

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1. Product



AutoFilter

1.1 Product description	1.2 Delivery contents
<ul style="list-style-type: none"><li>1. Power indicator (red LED)</li><li>2. Filtration indicator (green LED)</li><li>3. Push button</li><li>4. Drip pan</li><li>5. Star handles (on both sides)</li><li>6. Electrical unit</li><li>7. Handle</li><li>8. Power cord</li><li>9. Pump-filter unit</li></ul>	<ul style="list-style-type: none"><li>• AutoFilter oil filter system</li><li>• User manual</li><li>• Warranty card</li><li>• Quick guide</li><li>• Spare filters (11pcs.)</li><li>• Drip pan</li></ul>

2. Legal information

Motion Technology, Inc.  
10 Forbes Road  
Northborough, MA 01532

### 3. Preface

Dear AutoFilter customer,

Thank you for choosing this product by **MOTION TECHNOLOGY INC.**

Please read the manual carefully to familiarize yourself with the handling of your AutoFilter oil filter system to ensure proper use. For technical support or customer service, call 1-800-348-2976.

We hope that you enjoy your AutoFilter for a long time and increase the efficiency in your establishment. With AutoFilter you own a high-quality oil filter system from which you can expect a long life and efficient support for your work.

### 4. General notes

These operation instructions contain important information about the handling of the AutoFilter oil filter system. Read this information carefully before using your AutoFilter. Keep this manual available for more information.

AutoFilter is an oil filtration system, designed for the cleaning of frying oil / shortening. Frying will contaminate the oil with burned particles. With AutoFilter, the oil can be cleaned directly in the fryer. Filtering with AutoFilter prolongs the lifetime of the oil. We recommend filtering with AutoFilter once or twice a day.

The AutoFilter particle filter can be used several times before changing. Once the oil stops flowing through the front vents, replace the filter. Used filters should be disposed according to local regulations.

### 5. Safety information / symbol explanation

Wrong treatment of the AutoFilter can lead to dangers and injuries. The following should be observed. Possible dangers are marked with these signs:



#### Warning

Danger of injury if this is not observed



#### Risk of electric shock

by incorrect use or case opening



#### Danger of slipping

if oil is spilled to the floor



#### Caution

Important security tip



#### Danger of burnings

for the user of AutoFilter by incorrect application



#### Operation instruction

Information about the handling of AutoFilter oil filter system

### 6. AutoFilter

#### 6.1 Designated use

- AutoFilter is designed for use in commercial kitchens.
- Follow the safety instructions! Filtration is only possible if the oil is liquid.
- AutoFilter should only be used by suitably trained staff!
- AutoFilter oil filter system is designed for intermittent duty.

#### 6.2 Non designated use

The nonobservance of the contents described in the manual can lead to damage or malfunction of AutoFilter

- AutoFilter is **NOT** approved for cleaning / filtering of liquids other than frying oil / shortening!
- Do **NOT** use or store AutoFilter outside! It will be damaged by rain or humidity!
- AutoFilter is **NOT** designed for continuous duty! Risk of overheating/fire hazard!
- Do **NOT** touch the power cord (8) with wet hands!
- Do **NOT** jam or bend the line cord (8)!
- The use of AutoFilter is **strictly prohibited** for children!
- AutoFilter must not be operated on a connection other than protection class I.

**No liability will be accepted for improper use!**



## 8.2 Operation notes

- Filtration cycle can be stopped at any time by pressing push button (3).
- Do **NOT** move AutoFilter while filtration is in progress!
- Only use AutoFilter in a straight position!
- The Power indicator (red LED) (1) and Filtration indicator (green LED) (2) are lit during filtration process.

## 8.3 Starting the filtration process !

1. Make sure that the particle filter is in the pump-filter unit (9).
2. Take AutoFilter out of the drip pan (4).
3. Put AutoFilter into the AutoFry.
4. Ensure a secure standing (for holding brackets see chapter 12 Accessories).
5. Check the frying oil level  
(The oil level must be between the MIN and MAX marking of the pump-filter unit (9)).
6. Plug in AutoFilter:  
Power indicator (red LED) (1) is active.
7. Press push button (3).
8. Filtration indicator (green LED) (2) is lit during the filtration.

## 8.4 Finish the process prematurely !

1. Press push button (3).  
Filtration indicator (green LED) (2) is off.
2. Pull the power cord (8): AutoFilter.  
Lift AutoFilter, let oil flow back in the fryer.
3. Place AutoFilter in the drip pan (4).

# 9. Safety functions

## 9.1 Temperature control

If the temperature of the electronics is exceeded, AutoFilter stops the filtration.

The power indicator (red LED) (1) starts to flash.

AutoFilter must be taken out of the fryer to confirm the error by pressing the push button (3).

The power indicator (red LED) (1) will continue to flash until AutoFilter is cooled down.

AutoFilter is operational again after approx. 15 min.

It takes up to 2.5 hours if AutoFilter is unplugged.

If AutoFilter takes too long to cool down after a temperature based shutdown, the ambient temperature might be too high or AutoFilter was left in the fryer. Take AutoFilter to a cool place and plug it back in to allow the cooling fan to work.

Do **NOT** put AutoFilter into a cold-storage room! Condensation can destroy the electronics.

# 10. Care and servicing

## 10.1 Notes

- Clean pump-filter unit (9) at every particle filter change.
- Clean AutoFilter only if cooled down.
- Do **NOT** use abrasives.
- Do **NOT** use wire brushes or similar tools.

## 10.2 Cleaning preparation

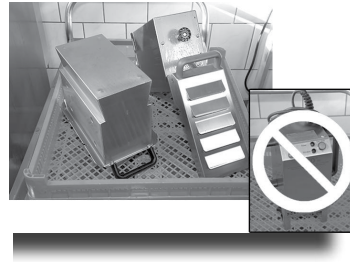
1. Make sure AutoFilter is cooled down.
2. Unfasten star handles (5) on both sides.
3. Remove electrical unit (6) from pump-filter unit (9).
4. Open pump-filter unit (9).
5. Dispose particle filter.
6. Manual or machine cleaning.

### 10.3 Manual cleaning ! 🧽

1. Clean electrical unit (6) only with damp cloth!
2. **DON'T** put AutoFilter under running water! This can destroy the electronics!
3. Clean the pump-filter unit (9) with soap and water.
4. Dry AutoFilter with a towel.

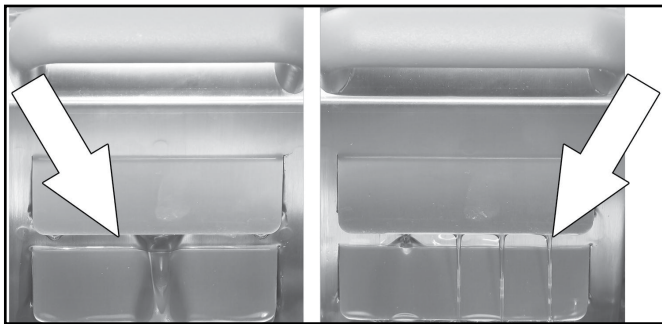
### 10.4 Machine cleaning ! 🧽

1. Clean electrical unit (6) only with a damp cloth! Do **NOT** put the electrical unit (6) into a dishwasher! This will destroy the electronics.
2. Put pump-filter unit (9) and the drip pan (4) into the dishwasher.



## 11. Particle filter change ! 🧽

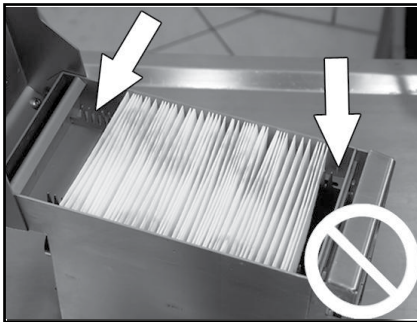
Change the particle filter only if necessary. The time of change is based on usage of AutoFilter and the degree of pollution of the frying oil.



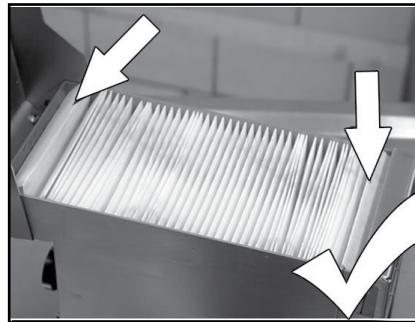
**Normal flow**

**Low flow**

Pay attention to the cleaning efficiency and the spill of oil coming out of the pump-filter unit (9). Change the particle filter only at a low filtration performance.



Do not leave gaps between the filter and the edges of the pump-filter unit (9).



Overlap the last fold on both sides of the pump-filter unit (9).

## 12. Waste disposal

### 12.1 Packaging disposal

- The packaging should be recycled  
or
- Keep the packaging carefully.

### 12.2 Filter disposal

- Used filters must be disposed in the country-specific way.

### 12.3 Device disposal

If AutoFilter reaches the end of life it must be disposed accordingly.

This disposal is handled by **Motion Technology, Inc.** as defined by law.

Send AutoFilter to:

#### **Motion Technology, Inc.**

**1 Bonazzoli Avenue  
Hudson, MA 01749**

For further questions please contact your local dealer or the AutoFilter customer support.

### 12.4 WEEE (Waste Electrical and Electronic Equipment) Statement

To protect the global environment and as an environmentalist, **Motion Technology, Inc.** must remind you that: Under the European Union ("EU") Directive on Waste Electrical and Electronic Equipment, Directive 2002/96/EC, which takes effect on August 13, 2005, products of "electrical and electronic equipment" cannot be discarded as municipal waste anymore and manufacturers of covered electronic equipment will be obligated to take back such products at the end of their useful life. **Motion Technology, Inc.** will comply with the product take back requirements at the end of life of AutoFilter-branded products that are sold into the EU. You can return these products to local collection points.

## 13. Storage recommendations for particle filters

During storage do not expose the particle filters to extreme temperature or humidity, for example; near a heat source, air conditioning or direct sunlight. Heat and cold have a negative effect on the properties of the particle filter, especially after removing or opening the bag packaging.

The particle filter must not be exposed to frost, as this can cause damage to the microstructure of the filter, which impairs the functionality of the particle filter.

Store dry at 60-65% relative humidity.

Room temperature 24°C ± 5°C (78°F ± 40°F).

Avoid sudden temperature changes.

Store in the cardboard packaging in sealed bag.

Maximum height of the filter stack 185cm (6 ft).

Under observance of the above conditions, the storage period will be 3 years.



## 14. Troubleshooting

Malfunction	Possible cause	Remedial action
Power indicator (1) stays inactive	<ul style="list-style-type: none"> <li>Power cord (8) not plugged in</li> <li>Power cord (8) / connector is defective</li> </ul>	<ul style="list-style-type: none"> <li>Plug in AutoFilter</li> <li>Please contact service</li> </ul>
AutoFilter makes loud noises at filtration	<ul style="list-style-type: none"> <li>Star handles (5) are too loose</li> <li>Rotor scratches on the fryer</li> <li>Rotor defective</li> </ul>	<ul style="list-style-type: none"> <li>Tighten star handles (5)</li> <li>Alter position of AutoFilter in the fryer</li> <li>Please contact service</li> </ul>
Power Indicator (1) flashes and/or acoustic indicator is beeping	Sensor switch defective	<ul style="list-style-type: none"> <li>Please contact service</li> </ul>
Power Indicator (1) and filtration indicator (2) flashing	<ul style="list-style-type: none"> <li>AutoFilter is tilted more than 15°</li> <li>Strong vibrations</li> </ul>	<ul style="list-style-type: none"> <li>Check position of AutoFilter</li> <li>Check position of AutoFilter</li> </ul>
AutoFilter cannot be started	<ul style="list-style-type: none"> <li>Electrical unit (6) defective</li> </ul>	<ul style="list-style-type: none"> <li>Please contact service</li> </ul>
Line fuse / Ground fault circuit interrupter (GFCI) blowout	<ul style="list-style-type: none"> <li>Net protection or other electronic components are blocking</li> <li>Rotor defective</li> <li>Circuit overloaded</li> </ul>	<ul style="list-style-type: none"> <li>Change power outlet, elec. circuit</li> <li>Please contact service</li> <li>Change power outlet, elec. circuit</li> </ul>
Low filtration performance	<ul style="list-style-type: none"> <li>Particle filter is full</li> <li>Pump pipe is blocked</li> <li>Motor is defective</li> </ul>	<ul style="list-style-type: none"> <li>Change filter</li> <li>Empty pump-filter unit (9)</li> <li>Please contact service</li> </ul>
Oil splashes at sides / on top	<ul style="list-style-type: none"> <li>Particle filter blocked</li> <li>Too much space between filter lid and pump filter unit (9)</li> <li>Filter is inserted incorrectly</li> </ul>	<ul style="list-style-type: none"> <li>Change filter / clean unit</li> <li>Adjust filter sealing sheet</li> <li>Insert filter correctly</li> </ul>
LEDs flash 10 sec. after plugging in	<ul style="list-style-type: none"> <li>Push button (3) is defective</li> </ul>	<ul style="list-style-type: none"> <li>Please contact service</li> </ul>

Should other issues appear, get in contact with the customer support or your local dealer!

Contact details on page 2 chapter Legal information.

## 15. Technical data

	AutoFilter
Nominal voltage according to country, see type sign	220 to 240 V ~ ±10% 50 to 60Hz 100 to 120 V ~ ±10% 50 to 60Hz
Nominal current under load	Approx 1.1 A at 230 V Approx 2.2 A at 115 V
Max. power / Nominal Power	300 W / 253W
Noise level	< 85db
User control	push button (3)
Temperatures in use	Electrical unit (6) up to max. 75°C (167°F) pump-filter unit (9) up to max. 200°C/392°F (short time) pump-filter unit (9) up to max. 180°C/356°F (permanent) (recommended frying temperature max. 175°C/347°F)
Storage temperatures	10°C/50°F to max. 30°C/86°F (At higher temperature less cycles)
Dimensions (W x H x L) (without handles) (7)	116 x 356 x 176 mm 4.6 x 14 x 6.9 in
(with handles) (7)	116 x 356 x 192 mm 4.6 x 14 x 7.5 in
With drip pan (4)	155 x 386 x 304 mm 6.1 x 15.1 x 12 in
Weight	AutoFilter : 6.3 kg (14.2 lbs) Drip pan: 0.9 kg (2 lbs)
Acoustic signal	no
Taking particles	0.9 l / 2 lbs
Filter	Folds: 30 Material: pulp, cellulose FDA-CFR 21
Operation	Intermittent operation

## 16. Declaration of conformity

Issued by

**Motion Technology, Inc.**  
**1 Bonazzoli Avenue**  
**Hudson, MA 01749**

for the product

**AutoFilter**  
**EU Patent No. 1326692**  
**U.S. Patent No. US7.052.605.B2**

The professional oil-filtration-equipment is manufactured and tested according to the following standards:

For the purposes of the **EC – Machinery Directive 2006/42/EC**, were designed and manufactured.

This declaration applies to all identical copies of the product.

The following harmonized standards are applied:

**DIN EN 12100**, Safety of machinery, equipment and facilities

**DIN EN 60204.1**, electrical equipment for industrial machinery

The product, mentioned above, meets the following basic requirements that laid down in Council Directive on the approximation of the laws of the member states relating to electromagnetic compatibility (2004/108/EC).

The following standards are applied:

**EN 55014-1:2006** electromagnetic compatibility, electromagnetic interference

**EN55014-2:1997 + A1:2001** electromagnetic compatibility, immunity

**EN 61003-2:2006** devices with analog inputs, limits, devices <16A

**EN 61003-3:2008** voltage fluctuation devices <16A

Tuttlingen, December 08, 2014



A handwritten signature in blue ink, appearing to read 'ASchmidt'.

Andreas Schmidt





**[www.AutoFry.com](http://www.AutoFry.com)**