



VITO® excellence in oil filtration
frying oil filter & -tester



Save up to **50%**
of your frying oil

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VITO



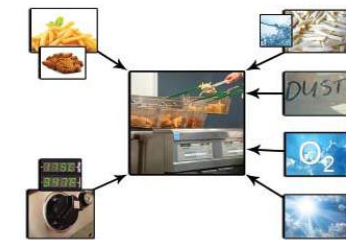
Frying process

It is not sure where the origin of frying took place but it is assumed that it has been around 2000 BC. Nowadays frying is a food preparation method, which is taught to every chef trainee all around the world. Surprisingly these fried dishes are more healthy than expected if some basic rules are considered. (→ see Optimal rules of frying)

Frying oil

In general it can be said that frying oils have different qualities and other characteristics. Frying oil causes permanent costs, which are sometimes the highest running cost next to the staff. The average price of oil differs from country to country, the average in Europe is about 1,60 €/ltr. Frying oil does not only influence the quality of fried dishes, but also the taste and its appearance.

Influences on frying oil



There are many different kinds of influences that effect the quality and therefore the TPM-values of frying oil. The graphic above shows you that different kinds of food, the temperature of the fryer, water, dust and even light, all have a huge impact on the lifetime of your oil and its quality.



Your solution - the VITO® product line

The VITO product line will help with your frying oil management. The VITO® oiltester will help you to measure the quality of your oil, so that you will change always at the right time - not too early or too late. The VITO® oil filter system filters your oil, ensures its quality and saves up to 50%.



Quality control
with the VITO® oiltester



without
VITO®

with
VITO®



Quality improvement & cost reduction
with the VITO® oil filter systems

Handling

The VITO® oil filter system can be handled with just four very simple steps:



Step 1

Place VITO® simply
in your hot fryer and
press Start.

No waiting time!



Step 3

Take VITO® out of the
fryer. Your oil is clean
now.

**No draining
of the fryer!**



Step 2

VITO® filters your oil and
stops automatically.

No supervision!



Step 4

(Optional, if needed)

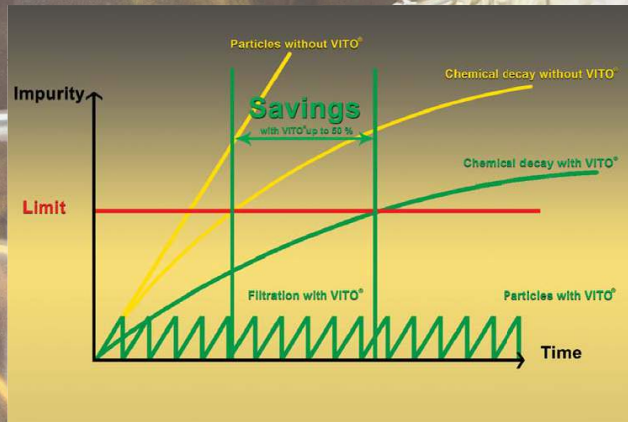
Clean VITO® easily in
your dishwasher.

Labor savings!



Microfiltration with VITO®

The VITO® oil filter system filters microparticles up to 5µm. This affects the critical parameters positively, like polar materials (TPM), acids and the accumulation of acrylamids and polymere triglyceride. Due to these facts VITO® prolongs the lifetime of the oil up to 50%. VITO® maintains the frying oil for a long time but does not recycling of the oil!



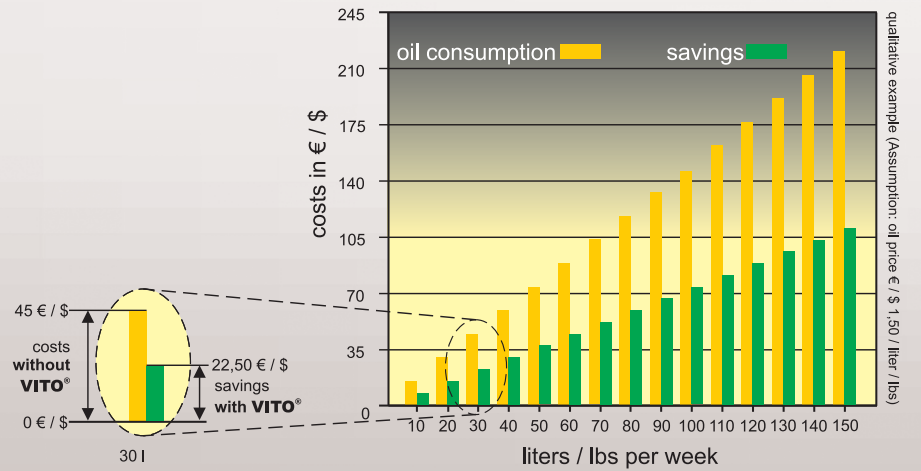
Benefits of the VITO® oil filter system:

- 🔹 Increase the lifetime of your oil
- 🔹 Improve taste and quality
- 🔹 Save time and labor



Savings

With its unmatched microfiltration, VITO® can double the lifetime of your frying medium. This example graph will show you how fast VITO® can give you the return of your investment.





VITO® oiltester

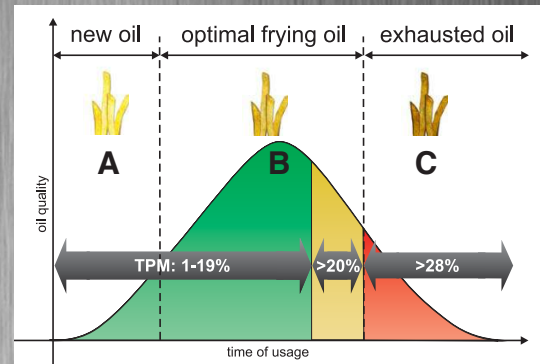
Ensure the quality of your frying oil and save costs



made in Germany

Optimal frying range

Monitor the optimal usage of your frying oil



Technical data

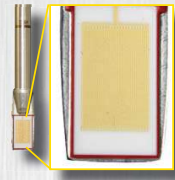
Parameters	Total Polar Materials (%TPM) Temperature (°C/°F)
Measurement Value Sensor	Capacitive Testo sensor (%TPM) / PTC (°C/°F)
Accuracy	0.0...40 %TPM +40...+200 °C / +104°F...+392°F ±2.0 %TPM (+40...+190 °C / +104°F...+374°F) ±1,5 °C/°F
Resolution	0,5 %TPM 0,1 °C/°F
Alarm Function	3-colour display (green, yellow, red)
Oil Operating Temp.	+40...+200 °C / +104°F...+392°F
Battery Type	2 Micro Batteries (AAA)
Battery Life	Approx. 25 h cont. oper., approx. 500 meas.
Dimensions (LxWxH)	300 x 50 x 170 mm / 11,8 x 2 x 6,7 in
Adaption time t99	<30 sec.
Protection Class	IP65
Weight	Weight approx. 255 g / 0,56 lb



Your benefits with the VITO® oiltester

- ▲ monitor the quality of your frying oil
- ▲ measure the temperature of your frying oil
- ▲ traffic light function
- ▲ display is easy to read
- ▲ economic oil use

- ▲ high quality of fried food
- ▲ quick and reliable measuring result
- ▲ easy to use & to clean
- ▲ sturdy design



A

The food is bright and not very tasty!

B

The food is golden brown and delicious, perfect for serving!

C

The food is too dark and unappealing. Flavor transfer is occurring. It's definitely time to change the oil!



Measurement example with the easy traffic light function

VITO® portable product line

For all VITO® portable systems:

Temperatures

Electrical module max. 75°C
Filter and pump module temporary max. 200°C / max. 397°F

Material

Stainless steel 1.4301
Particle filters: cellulose FDA-CFR 21
All used materials are food safe

Filtration efficiency
up to 5 µm / 0.2 µinch



Check here to see how VITO® works: www.VITO.ag

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VITO® 30

Ideal for fryers up to 26 lbs / 12 l

Filtration power	up to 77 lbs / Minute up to 35 l / Minute
Particle uptake	1,8 lbs / 0,8 l
Maximum power	300 Watts
Work cycle (programmable)	approx. 4,5 Minutes*
Suction depth	approx. 7,9 inch / 20 cm
Dimensions	W 4,6 x H 14,0 x L 6,9 inch W 116 x H 356 x L 176 mm
Weight	14 lbs / 6,3 kg

VITO® 50

Ideal for fryers up to 44 lbs / 20 l

Filtration power	up to 130 lbs / Minute up to 60 l / Minute
Particle uptake	2,7 lbs / 1,2 l
Maximum power	300 Watts
Work cycle (programmable)	approx. 4,5 Minutes*
Suction depth	approx. 13,8 inch / 35 cm
Dimensions	W 4,6 x H 15,8 x L 7,5 inch W 116 x H 400 x L 191 mm
Weight	17 lbs / 7,7 kg

Data reader

Read out the usage data of VITO®

- Adjusted cycle time
- Over all run time
- Total cycles
- Maximum temperature

VITO® 80

Ideal for all fryers from 44 lbs / 20 l or heavy usage

Filtration power	up to 209 lbs / Minute up to 95 l / Minute
Particle uptake	7,1 lbs / 3,2 l
Maximum power	500 Watts
Work cycle (programmable)	approx. 3,5 minutes*
Suction depth	approx. 17,7 inch / 45 cm
Dimensions	W 4,6 x H 19,4 x L 7,3 inch W 116 x H 524 x L 185 mm
Weight	20,3 lbs / 9,2 kg



VITO® mobile product line

For all VITO® mobile systems:
Temperatures
 Recommended work temperature 347° / 175°C

Material
 Stainless steel 1.4301
 Particle filters: cellulose FDA-CFR 21
 All used materials are food safe

Filtration efficiency
 up to 5 µm / 0,2 µinch



VITO® X1 For all big fryers up to 80 L



Filtration power	up to 66,1 lbs / minute up to 30 l / minute
Particle uptake	22 lbs / 10 l
Pumping capacity	55 lbs / min / 25 l / min
Tank volume	176 lbs / 80 l
Max. vacuum	0,2 bar
Dimensions	W 21,8 x H 50,8 x L 38,5 inch W 554 x H 1289 x L 978 mm
Weight	139 lbs / 63 KG



VITO® XS For all big fryers up to 45 L



Filtration power	up to 66,1 lbs / minute up to 30 l / minute
Particle uptake	22 lbs / 10 l
Pumping capacity	55 lbs / min / 25 l / min
Tank volume	99 lbs / 45 l
Max. vacuum	0,2 bar
Dimensions	W 25,8 x H 29,1 x L 37,1 inch W 655 x H 738 x L 943 mm
Weight	99,2 lbs / 45 KG



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VITO® - GoGreen

By using VITO® regularly you do not only save time and money, you also contribute to a clean and healthy environment and preserve a positive carbon footprint for your business.

Carbon neutral

The production, transport and disposal of frying oil pollutes the environment. By using the VITO® oil filter system you decrease the exhausts caused by frying oil production and delivery remarkable.

Health

By using VITO® on a daily basis you effectively remove harmful acrylamids from your fryer and following your food. You actively remove burnt particles from the oil which can't stick to the food now. You get more healthy and better tasting food for your customers.

Rainforest

Protection of rainforests by saving agricultural country, so less acreage must be obtained by grubbing. You support the protection of endangered species and their natural habitats.

Waste reduction

Save frying oil with VITO® and produce less waste. Empty oil bottles and waste oil will be reduced by 50%. Thus you contribute to a healthier and less-waste environment.

www.vitogogreen.com

VITO AG - History & Awards

The company history is a story of success

- The headquarter of the VITO AG is in **Tuttlingen**, Baden-Württemberg, **Germany**.
- The company was **founded 2001** as **SYS Systemfiltration GmbH**.
- In **August 2014** the **legal structure** was changed to the **VITO AG**.
- **Specialized in frying oil management**, VITO is the global market leader in portable oil filtration with it's products **VITO® oil filter systems** & **VITO® oiltester**.
- Our **customers** are all sorts of **commercial kitchens, hotels, restaurants, fast food chains, snack bars, caterers & bakeries**.
- Our constantly growing **distribution network** spans over **150 countries worldwide** and the **VITO® product line** is used in over **35.000 kitchens** on a **daily basis**.



VITO®
oil filter system

VITO References

Hotels	Catering	Cash & Carry	Cruise Lines	Snack Bars	Fast Food	Trend	Casual Dining	Restaurants	Furniture Stores	Mixed	Bakeries



The VITO® - productline:

- Ensure your quality of your oil
- Save money
- Reduce your workload in your kitchen
- Easy handling



VITO® oiltester



VITO® portable



VITO® mobile



Manufacturer:
VITO AG
Eltastr.6, 78532 Tuttlingen, Germany
Phone: +49 (0) 7461 / 96289-0
Fax: +49 (0) 96289-12
info@vito.ag - www.vito.ag

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