



cleaning
systems
for liquids



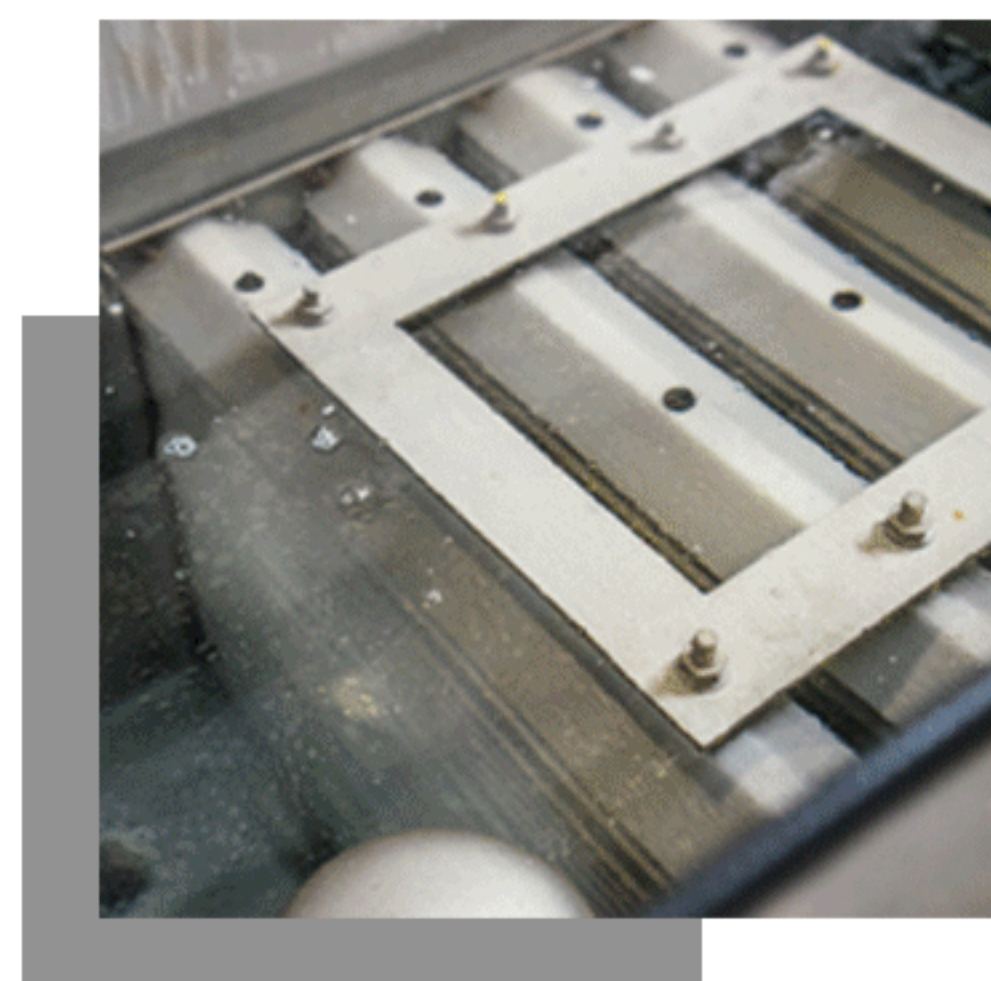
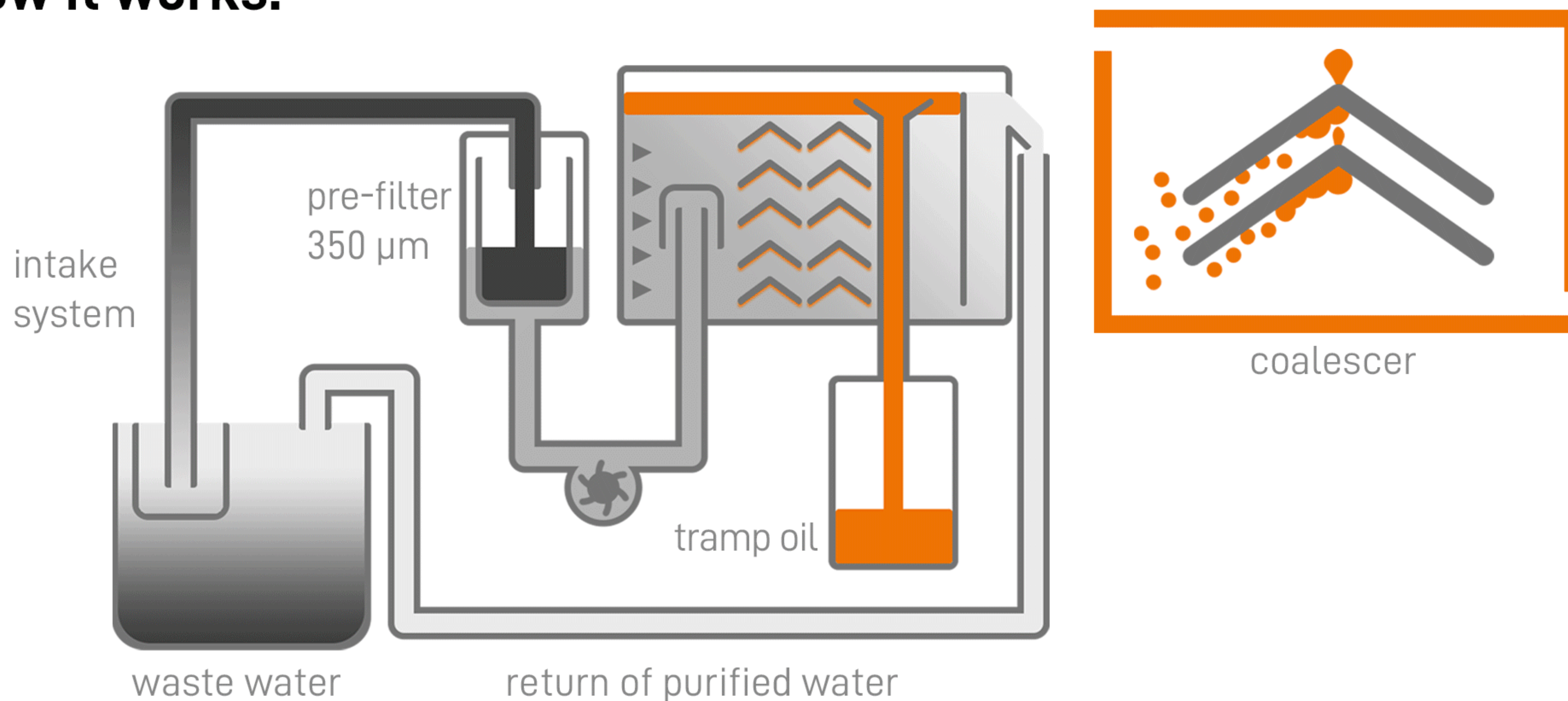
Oil Separators & Centrifuges

**Mobile cleaning systems for
emulsions, oils and washing water**

Oil Separator

The efficient MKR separation technology, based on the coalescence principle, precisely separates tramp oils from aqueous liquids. Optionally with and without UV disinfection in the case of heavy infestation by microorganisms and bacteria.

How it works:



TB 250

Dimensions	UNIT	VALUE
Length	mm	1000
Width	mm	560
Height	mm	1000

Intake flow	l/h	250
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TB 500

Dimensions	UNIT	VALUE
Length	mm	1440
Width	mm	580
Height	mm	1060

Intake flow	l/h	500
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TB 1000

Dimensions	UNIT	VALUE
Length	mm	1000
Width	mm	560
Height	mm	1000

Intake flow	l/h	1000
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TM 450 UV

Dimensions	UNIT	VALUE
Length	mm	1100
Width	mm	550
Height	mm	1115

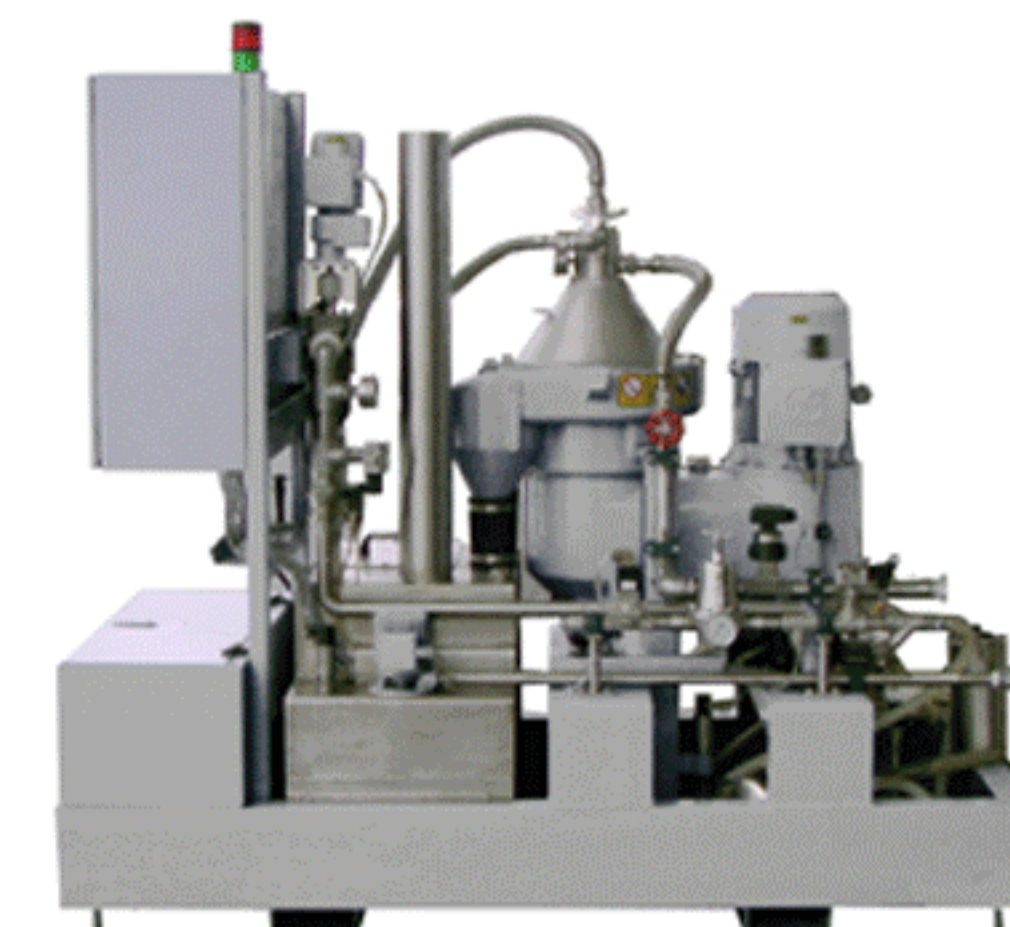
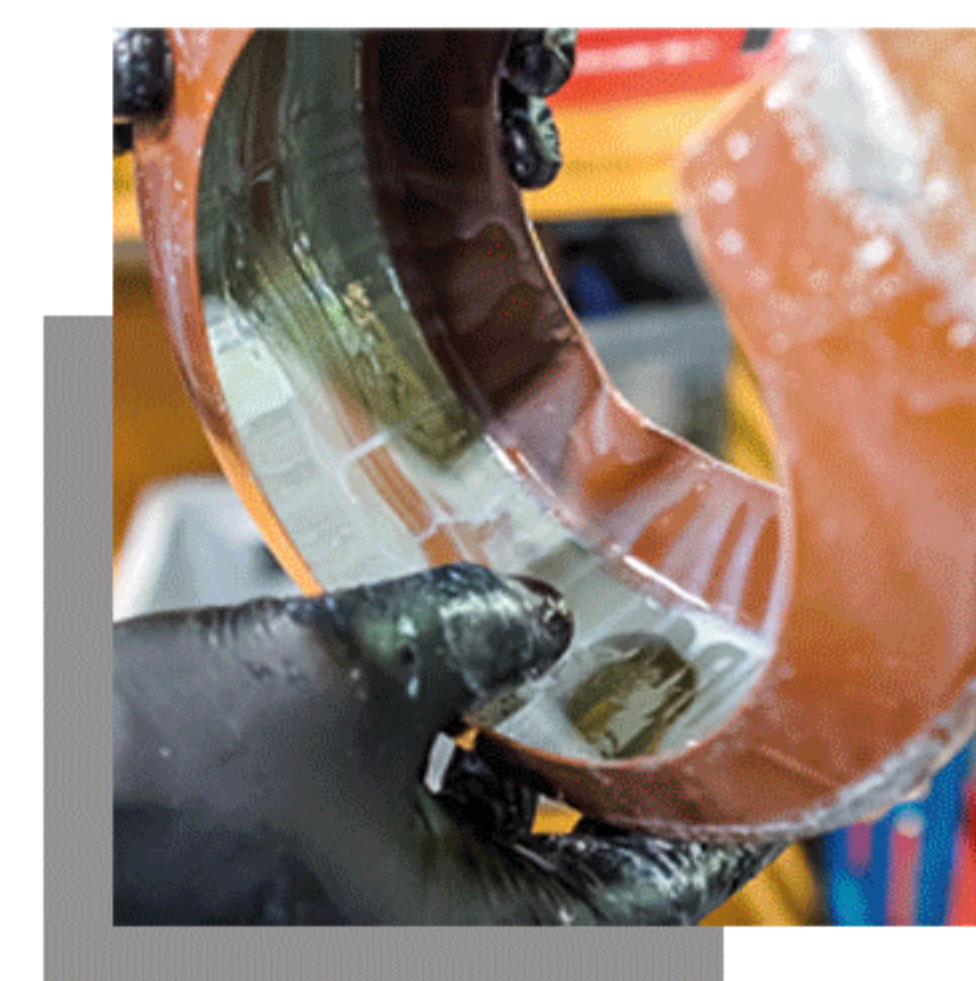
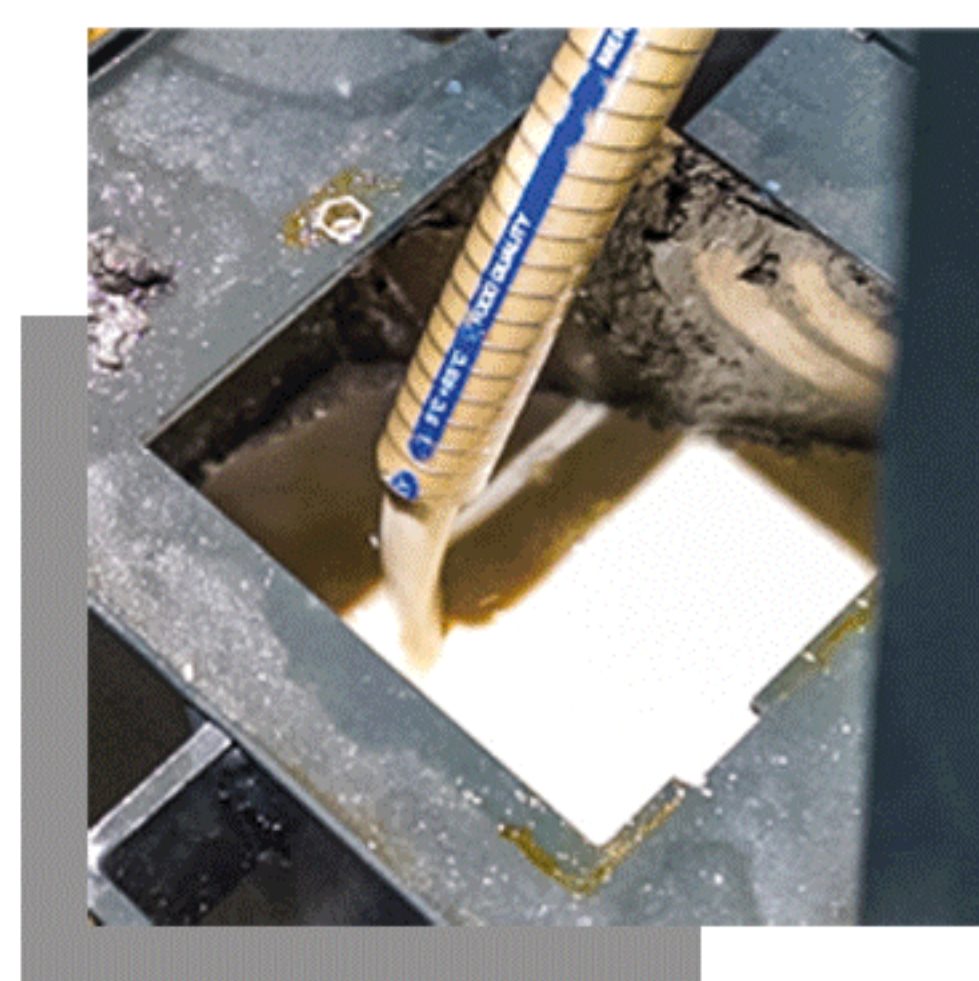
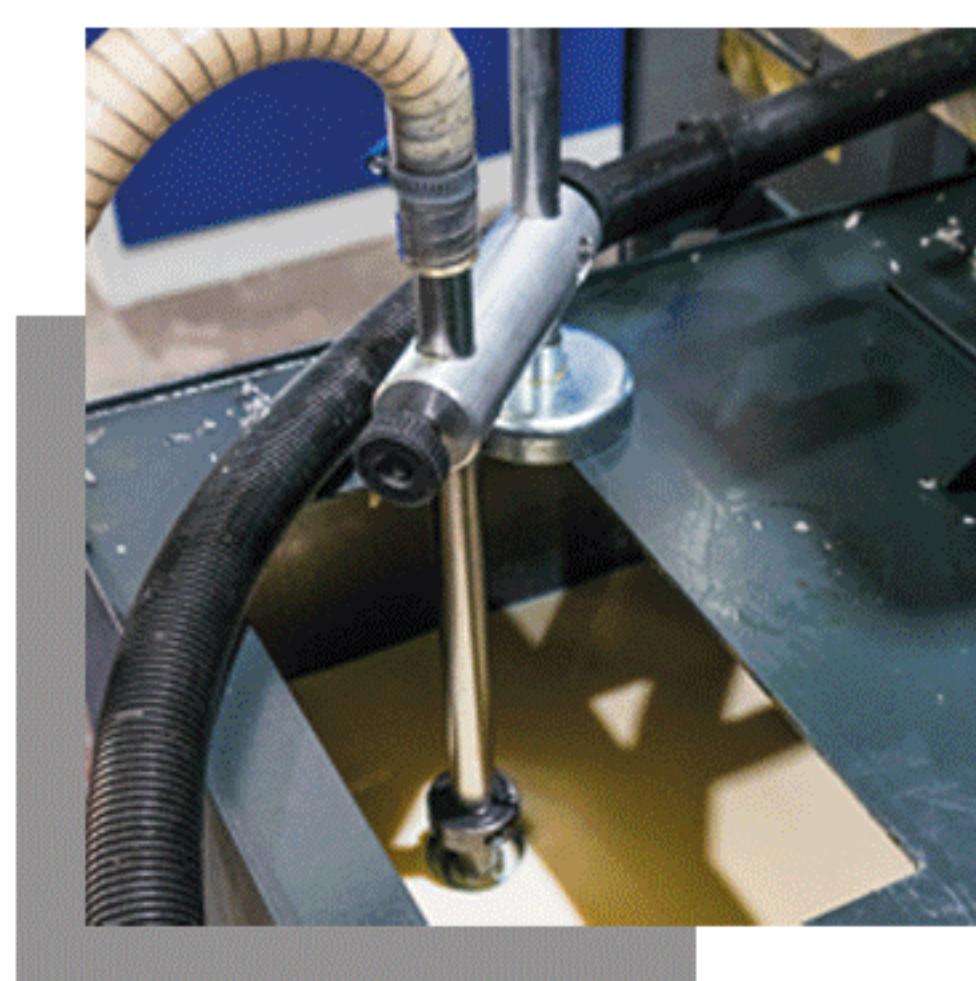
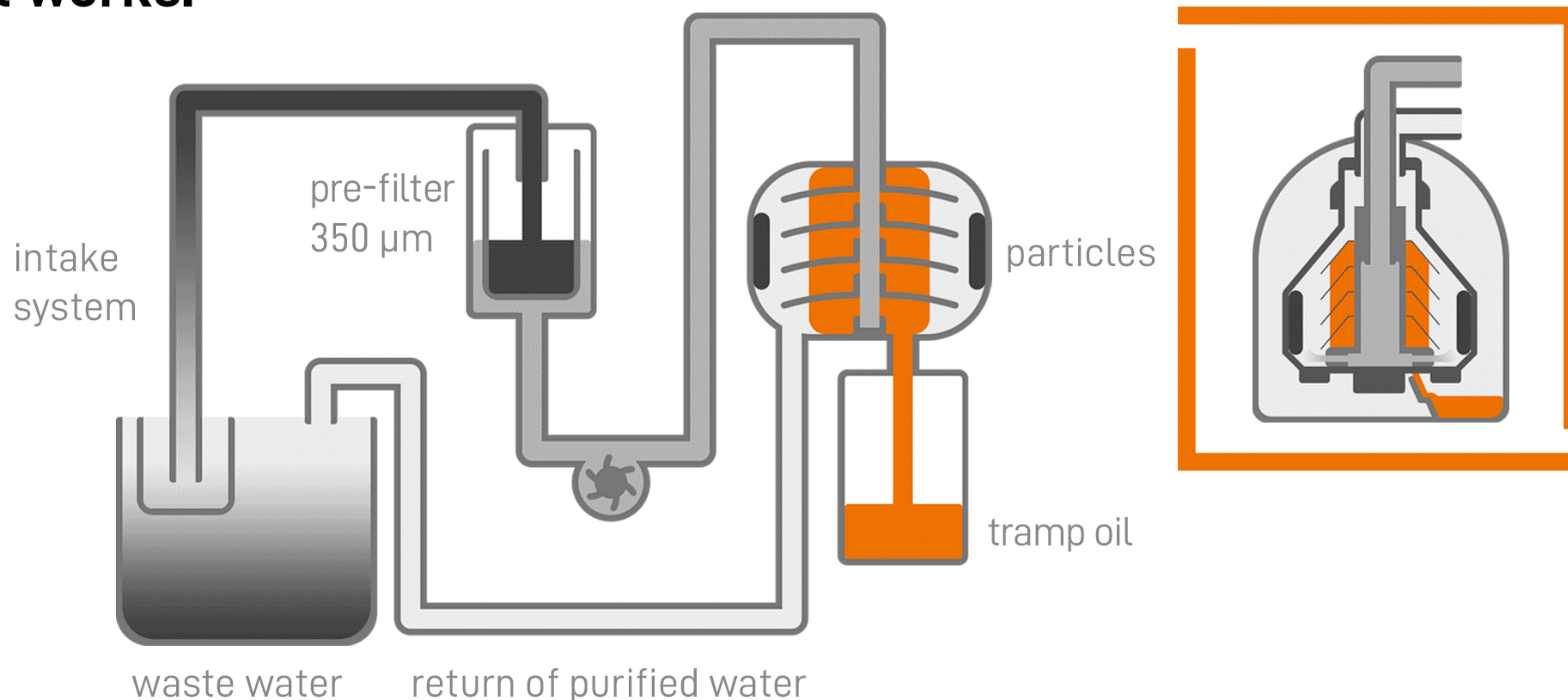
Intake flow	l/h	450
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Temperature max. 60° C (higher values on request), pH value 5 - 9.5 (VA 4 - 12), suction height 3 m

Disc Centrifuges

MKR disc centrifuges offer precise cleaning of cooling lubricants, cutting oils and washing media in bypass mode. They are characterized by impressive fine filtration down to 2 µm, for hygienic and cost-effective production.

How it works:



OTC 350

Dimensions	UNIT	VALUE
Length	mm	660
Width	mm	600
Height	mm	1250

Intake flow	l/h	300
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OSE 500

Dimensions	UNIT	VALUE
Length	mm	1420
Width	mm	680
Height	mm	1500

Intake flow	l/h	300
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OSE 2000

Dimensions	UNIT	VALUE
Length	mm	1950
Width	mm	870
Height	mm	1600

Intake flow	l/h	1500
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OSE 4000

Dimensions	UNIT	VALUE
Length	mm	2100
Width	mm	950
Height	mm	2050

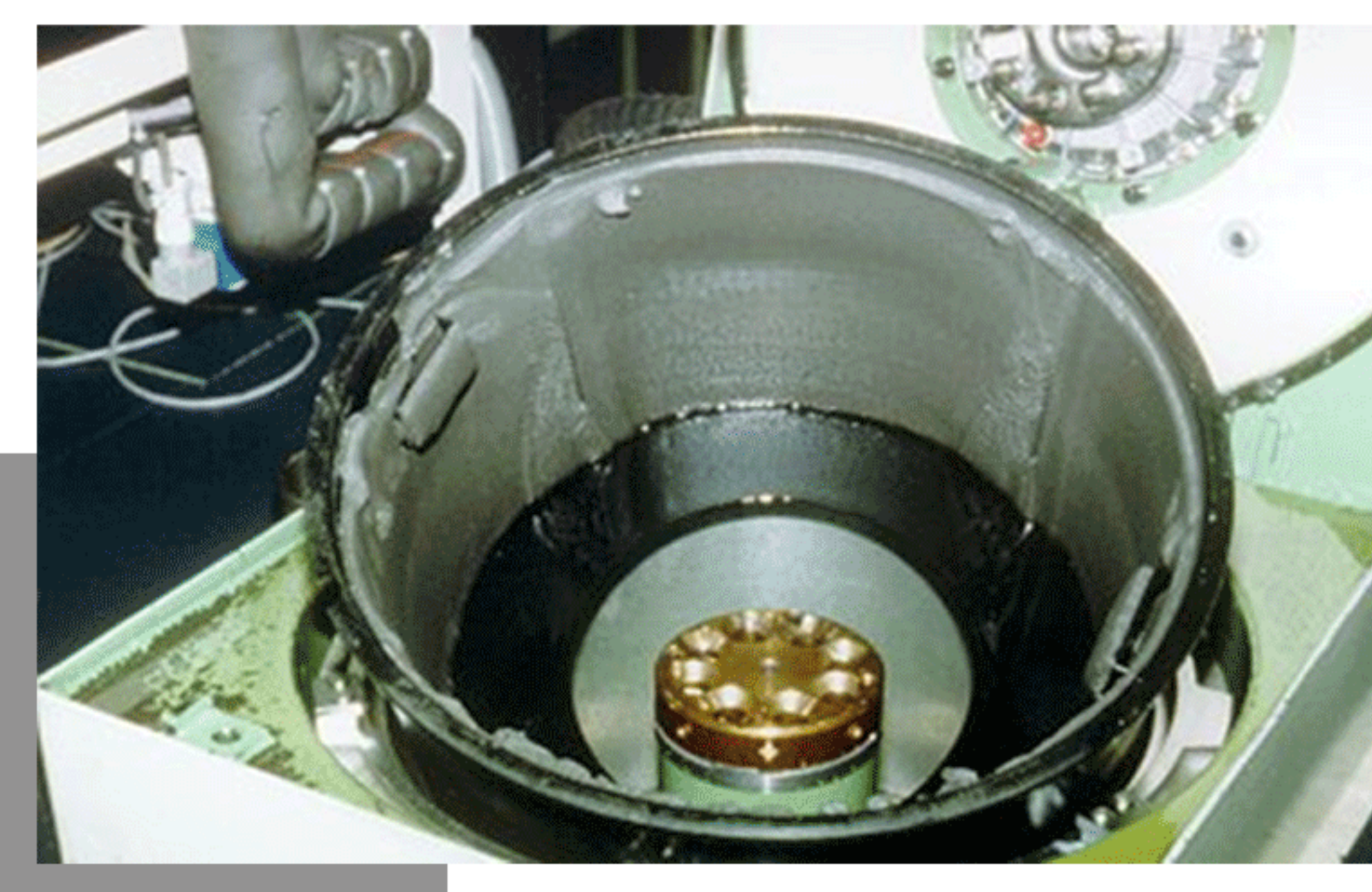
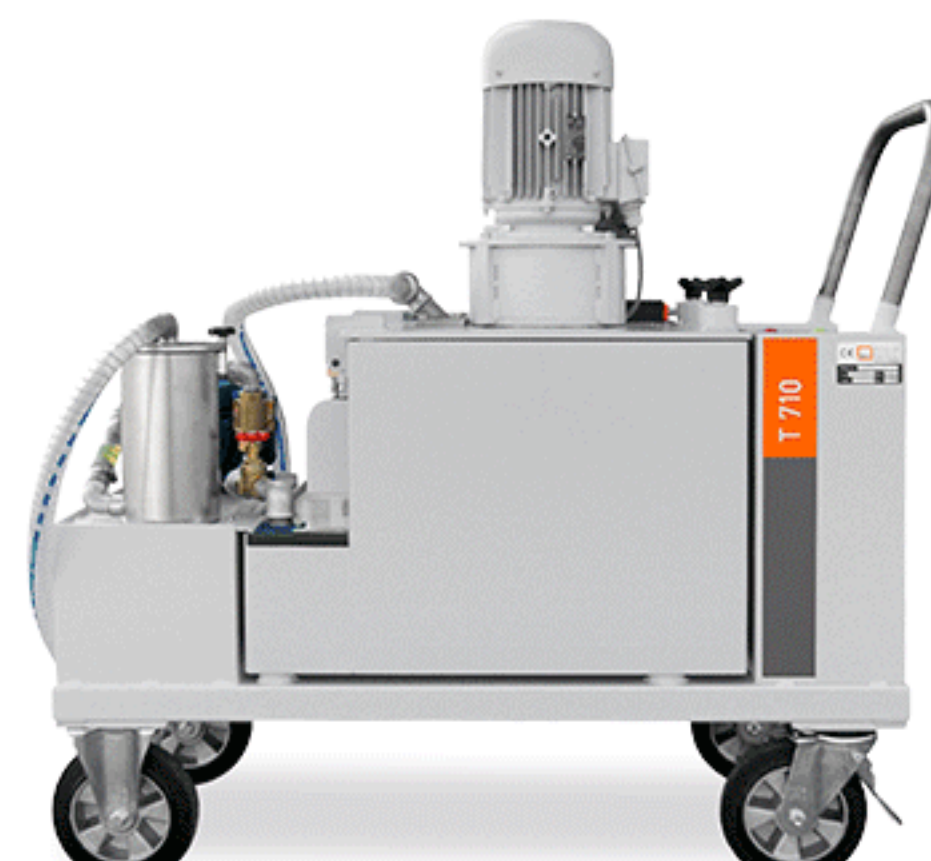
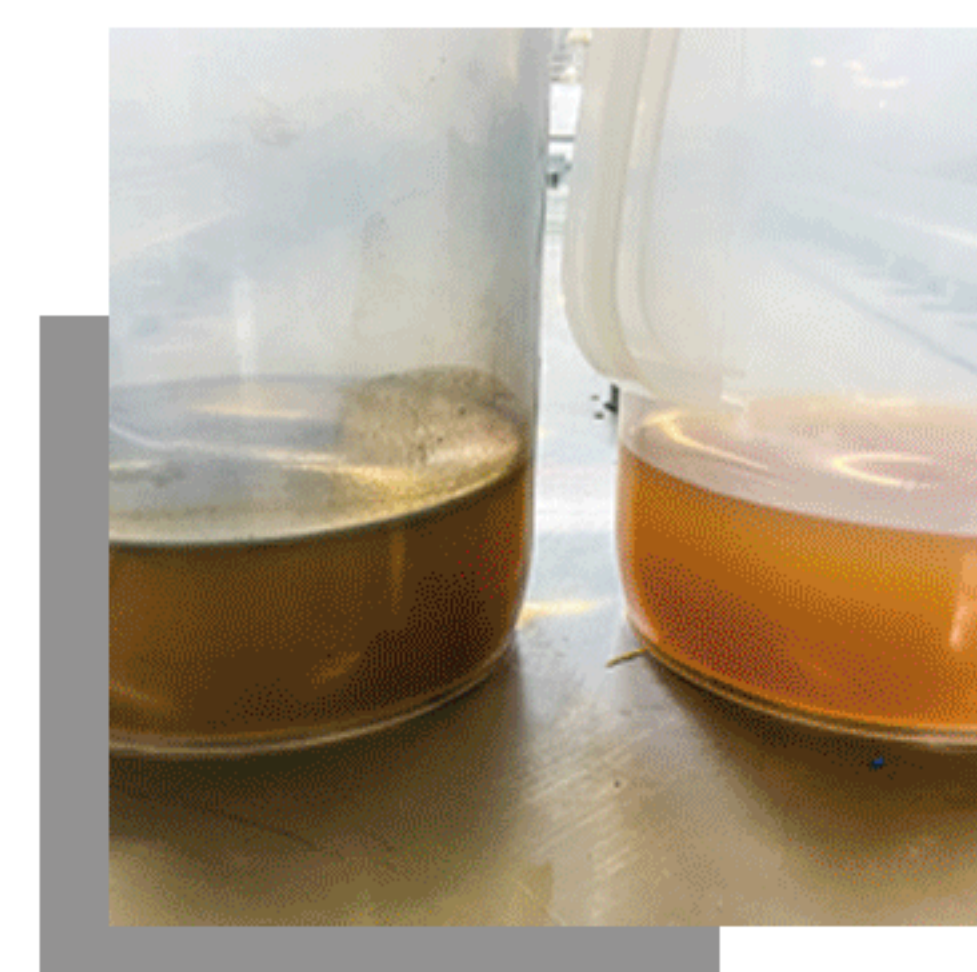
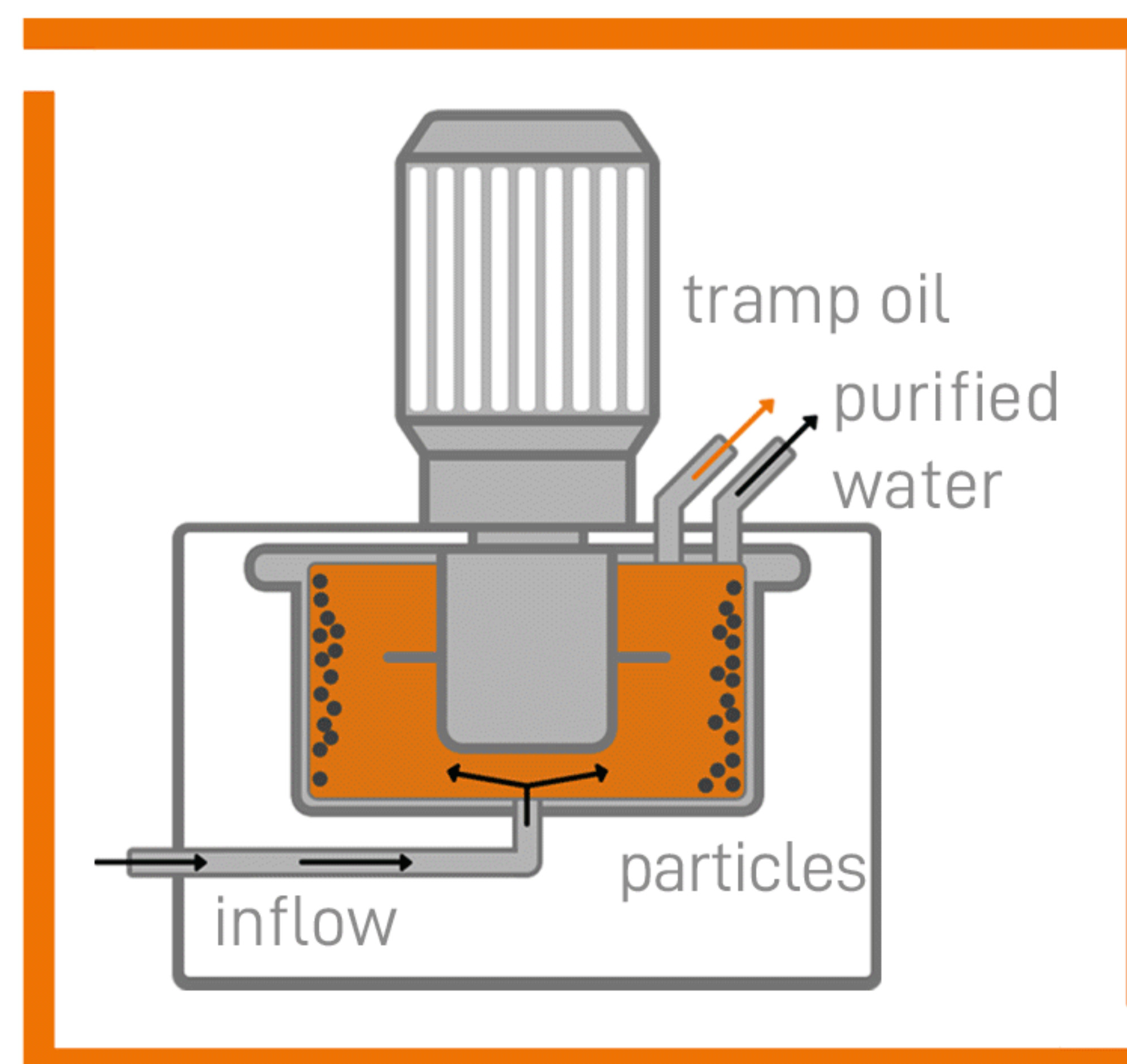
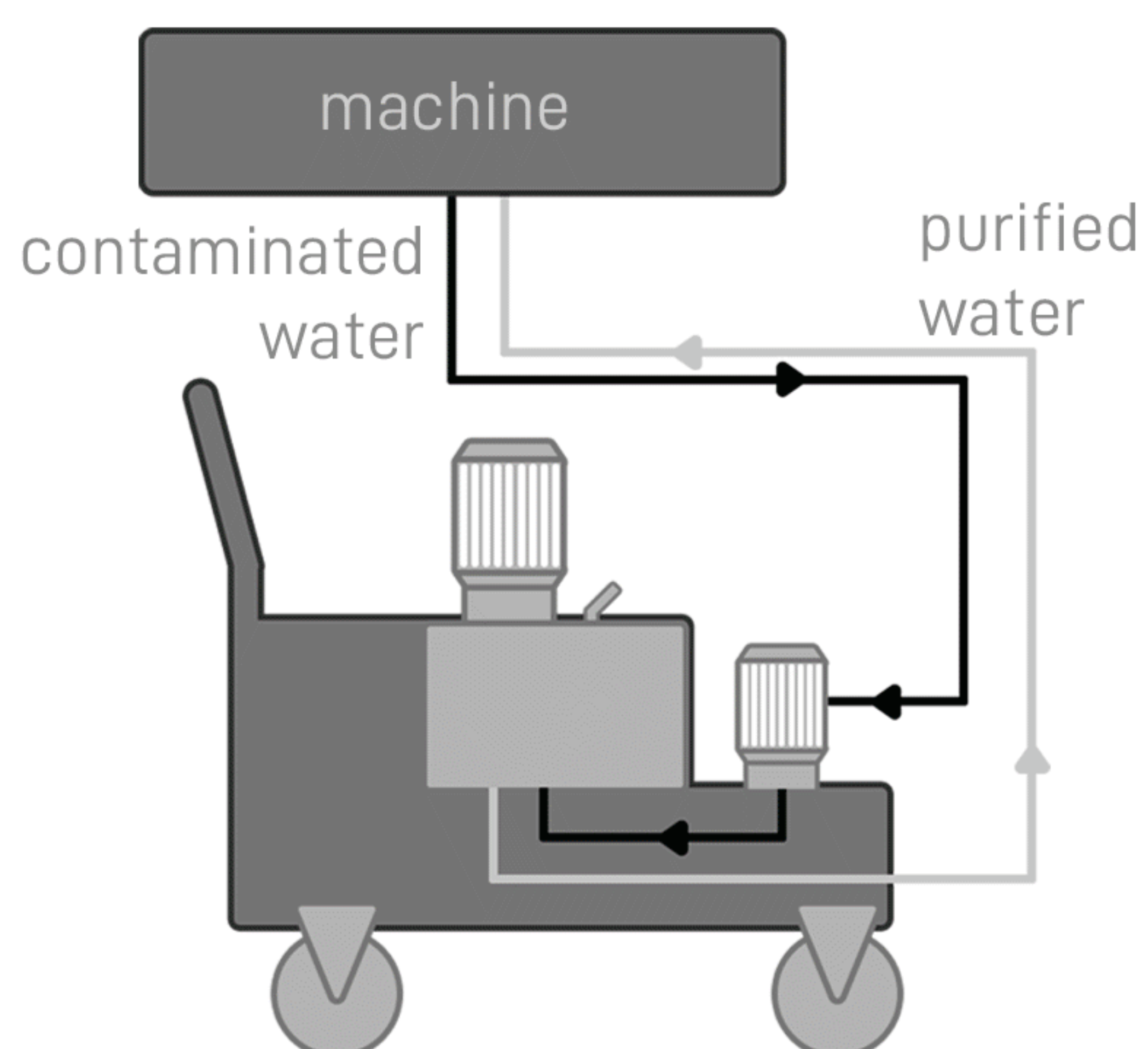
Intake flow	l/h	2500
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Temperature max. <60° C (higher values on request), pH value 5 - 9.5 (VA 4 - 12), suction height 3 m

Drum Centrifuges

So that production does not get stuck in the mud:
 Drum centrifuges ensure a clear distinction between solid and liquid. Characteristic features of this are the flow rate and easy handling and cleaning.

How it works:



T 700

Dimensions	UNIT	VALUE
Length	mm	1950
Width	mm	680
Height	mm	1450

Intake flow l/h 1800

T 710

Dimensions	UNIT	VALUE
Length	mm	1650
Width	mm	650
Height	mm	1450

Intake flow l/h 1800

Temperature max. <60° C (higher values on request), pH value 5 - 9.5 (VA 4 - 12), suction height 3 m

Why is coolant maintenance so important?

Tramp oils and fine particles reduce the effectiveness of coolant emulsions and other media. The consequences are shortened service life and the spread of **microorganisms**. This means that it is not just about **high costs** for coolant and tools, but also about the **health** and thus the occupational safety of employees.

Separating oils and fine particles is the first step towards **hygienic and cost-effective production**. Even optically clean emulsions contain components that cannot be removed using conventional filter methods.

MKR has the solutions for regular bypass maintenance without machine downtime.

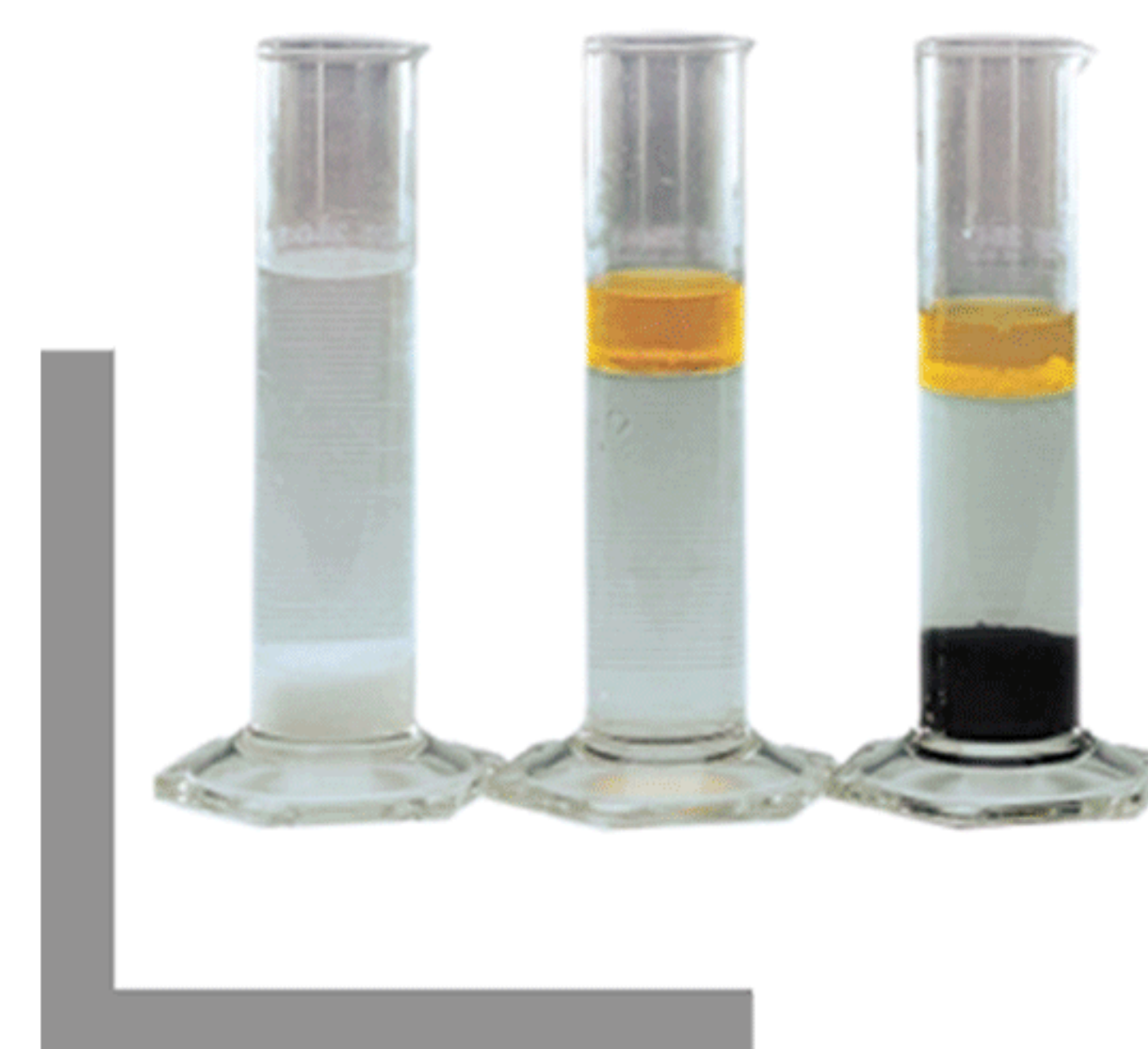


	oil separator TB / TM	disc centrifuge OTC / OSE	drum centrifuge T 700 / 710
tramp oils	● ● ●	● ●	●
fine particles*		● ● ●	● ●
sludge		●	● ● ●

*up to 2 µm

The advantages at a glance:

- treatment in bypass without machine downtime
- cost reduction through longer service life
- separation in 2- or 3-phases
- precise separation of tramp oils
- fine filtration down to 2 µm
- increase of safety and health protection



Areas of application:

- cooling lubricants
- emulsion
- cutting oils
- rinsing baths
- wash baths
- degreasing baths

The Success Story

Tradition becomes Innovation



2023
ET MaXx ZLD
ET MaXx ZLD



2001
Fremdölabscheider
Tramp Oil Separator



1997
Verdampfer
Evaporator



1996
Ultrafiltration
Ultrafiltration



1992
Zentrifugen
Centrifuges



1990
Saug- und Filterwagen
Suction- and Filter Cart



cleaning
systems
for liquids

MKR Metzger GmbH
Recyclingsysteme
Rappenfeldstrasse 4
86653 Monheim
Germany
+49 9091 50 00 0

info@mkr-metzger.de
www.mkr-metzger.de

