

Reprocessing Cataract Surgery Sets in MELAtherm®

MELAG
competence in hygiene

Accessory selection and loading



Quality – made in Germany

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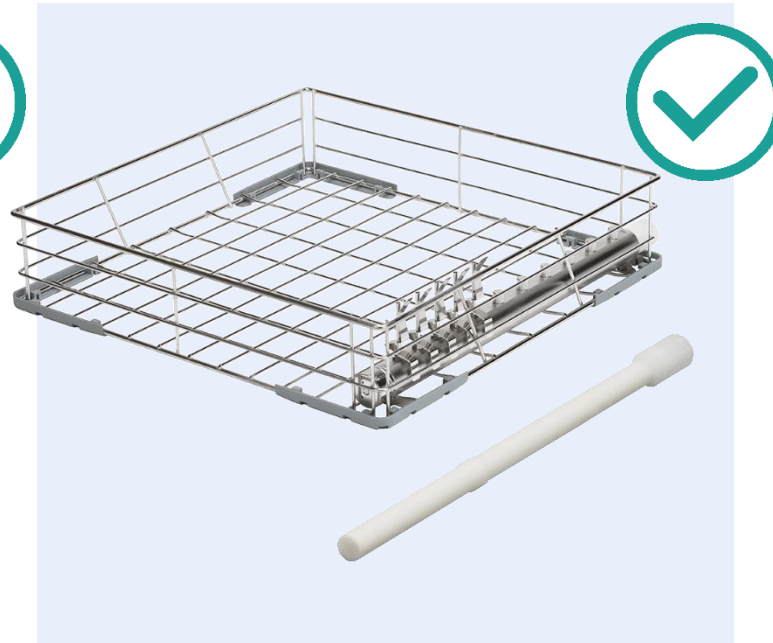
Fundamentals

A basic basket with hollow body connection is always required for reprocessing cataract sets. Individual filter housings with ceramic filters or the central filter system with plastic filters can be used for filtration.

Reprocessable filters must not be used.



Replace after 2 weeks or 20 cycles.



Replace after filter change indication.



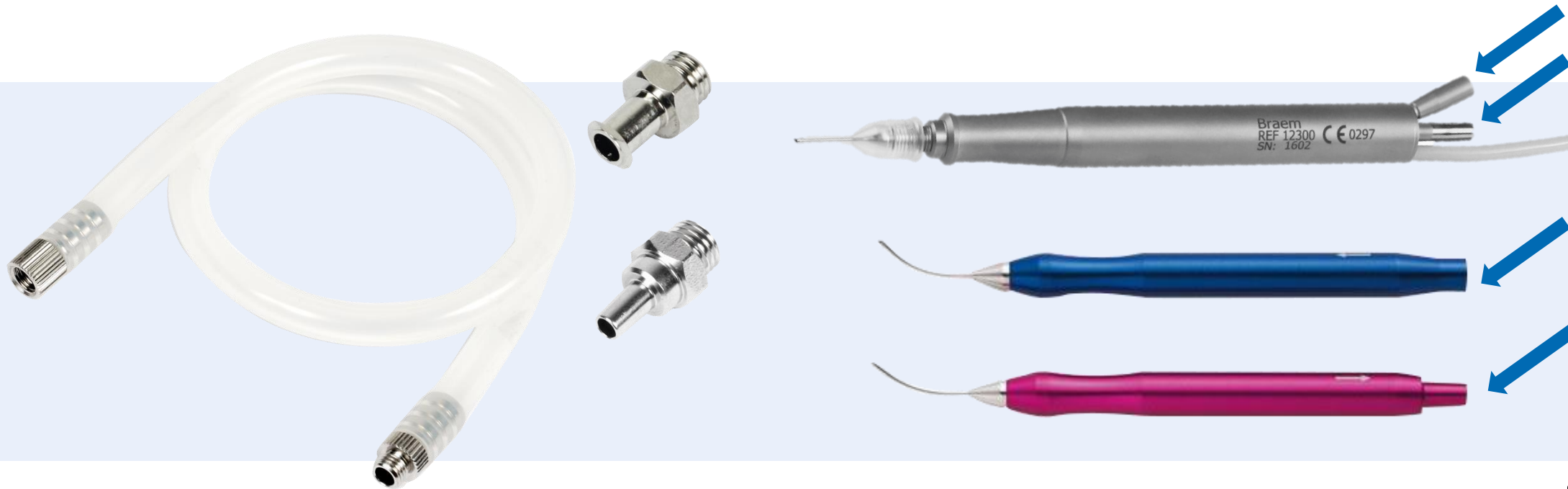
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Fundamentals

It must be ensured that all hollow bodies are connected to the injector rail.

Without exception, all connections must be fitted with a filter and all channels of the instruments must be safely flushed. Unused adaptors need to be capped.

Luer/luer lock connections are usually required for this purpose. A hose extension can be used to adapt all hollow bodies.

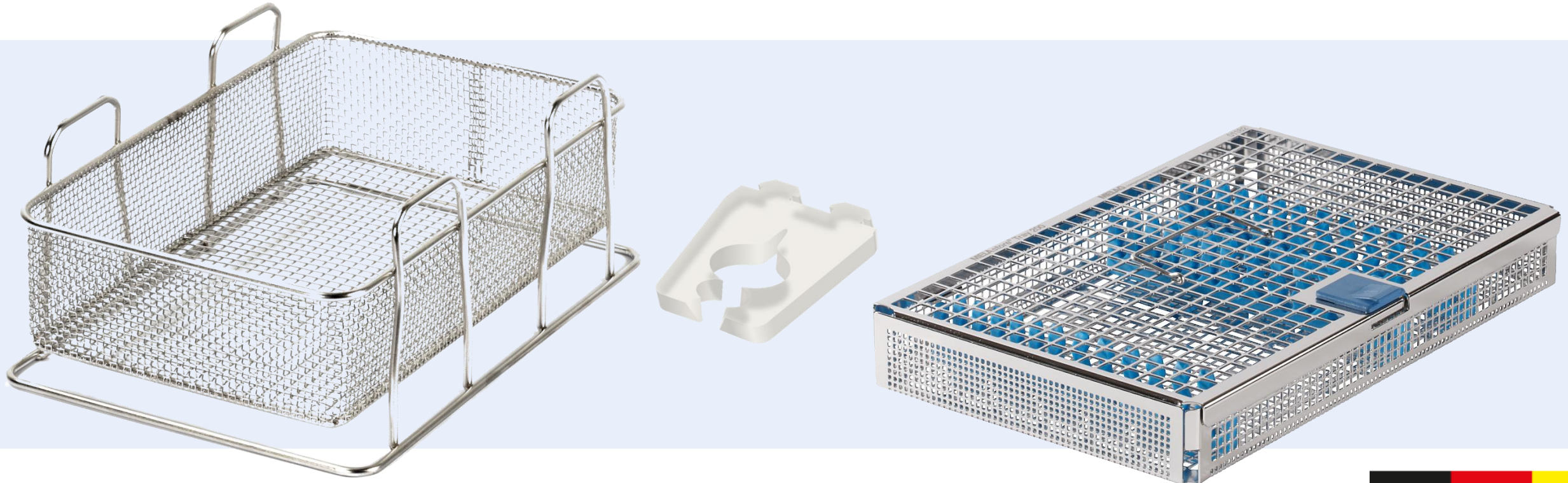


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Fundamentals

Ophthalmic instruments are very delicate and extremely sensitive. Safe storage of the instruments in the washing system is therefore absolutely essential.

Instrument holders for flex baskets can be used for this purpose. Instruments without hollow bodies find a secure hold in MELAstore®.



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Fundamentals

Further requirements for reprocessing ophthalmic instruments:

- Exclusive use of citric acid-based neutralizer (MEtherm 55)
 - Protection of the instruments
- No use of rinse aid
 - Avoidance of residues on instruments
- Exclusive use of the MELAtherm for ophthalmic instruments
 - Avoidance of foreign matter on or in instruments, exclusive use of the Ophthalmic-Program for error prevention.
- Flushing of hollow instruments after use or before reprocessing
 - Pre-cleaning, detection of blockages
- Blowing out the instruments on pH indicator paper
 - Detection of clogging and media carry-over, additional drying



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Fundamentals

Further requirements for reprocessing ophthalmic instruments:

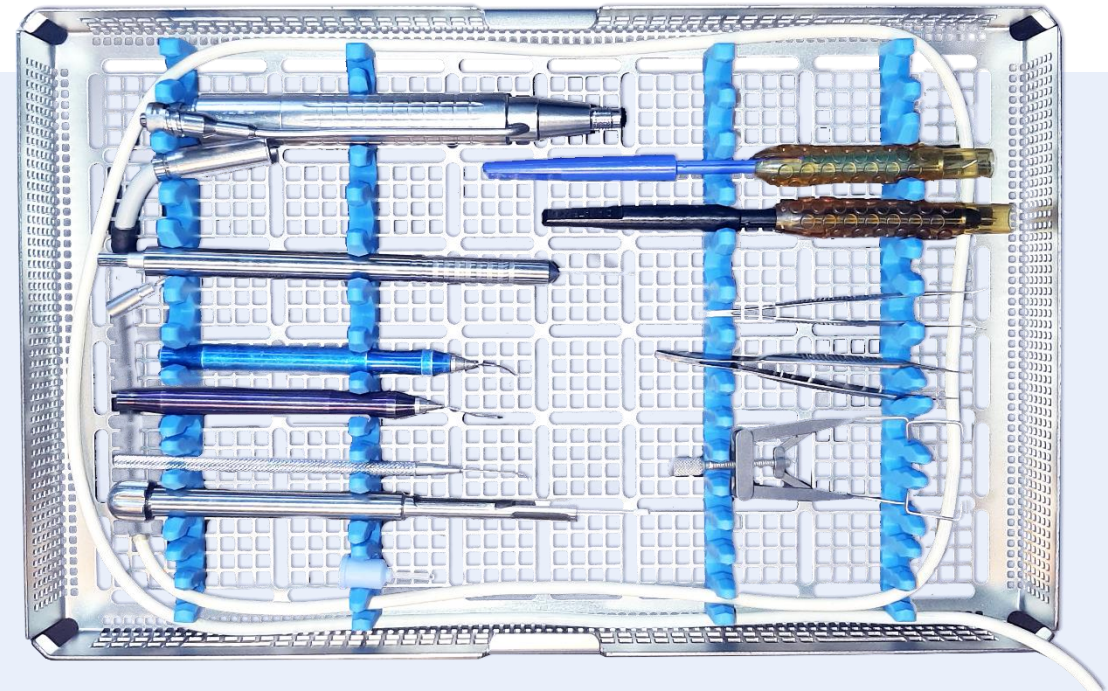
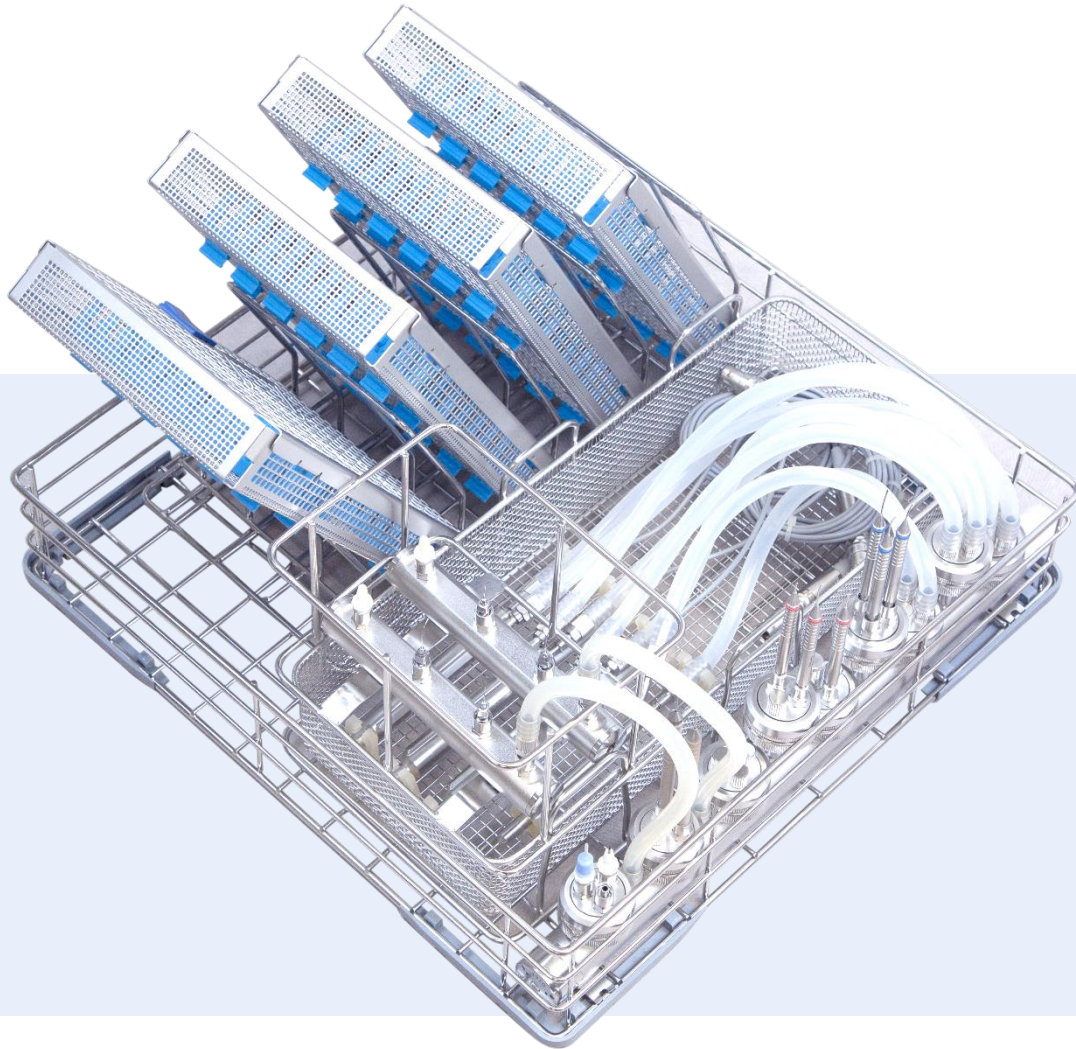
- Mandatory use of deionized water
 - Avoidance of residues, improved process monitoring
- Empty charge for longer idle times (> 2 days)
 - Ensuring the (DI) water quality
- Additional filter equipment may be required
 - Avoidance of the entry of problematic substances, e.g. endotoxin



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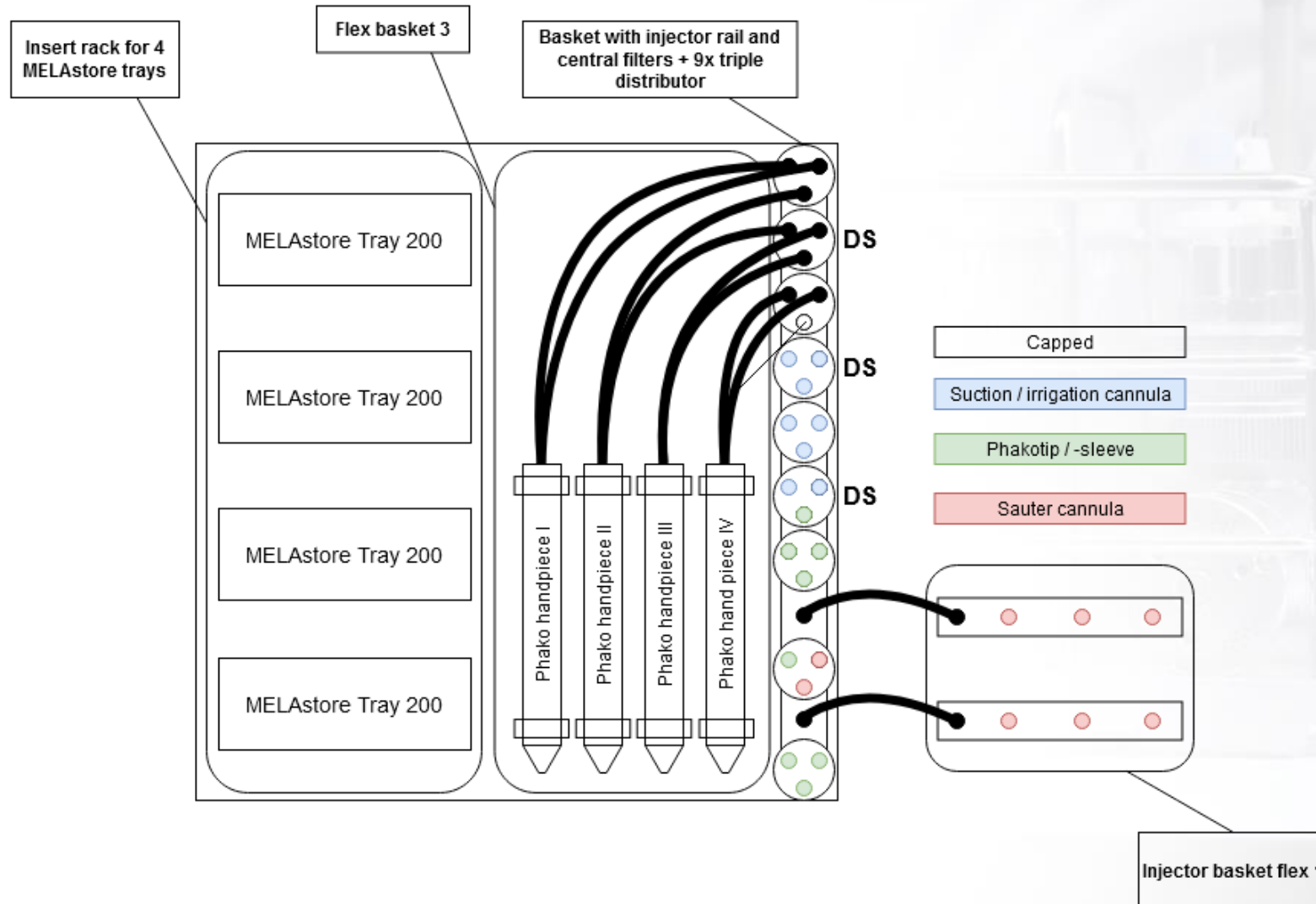
Sample configuration for four cataract sets




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Sample configuration for four cataract sets



- ✓ 1x 80440 – Basket with injector rail (incl. central filters)
 - ✓ 1x 80040 – Insert rack for 4 MELAstore® trays
 - ✓ 1x 80030 – Flex basket 3
 - ✓ 1x 80740 – Injector basket flex 1
 - ✓ 1x 80395 – Instrument holder for flex baskets
 - ✓ 4x 01182 – MELAstore® Tray 200
 - ✓ 4x 82980 – Silicone bar of MELAstore Tray 200
 - ✓ 9x 73903 – Triple distributor
 - ✓ 3x 55120 – Distance sleeve
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- ✓ 8x 80150 – Connector for hoses outer thread
 - ✓ 8x 80160 – Connector for hoses inner thread
 - ✓ 2x 80190 – Silicone hose
 - ✓ 74130*) – Adapter (male) for Luer Lock
 - ✓ 73880*) – Adapter (male) for Luer
 - ✓ 67250*) – Adapter (female) for Luer Lock
 - ✓ 80140*) – Screw plug for injector rail / distributors



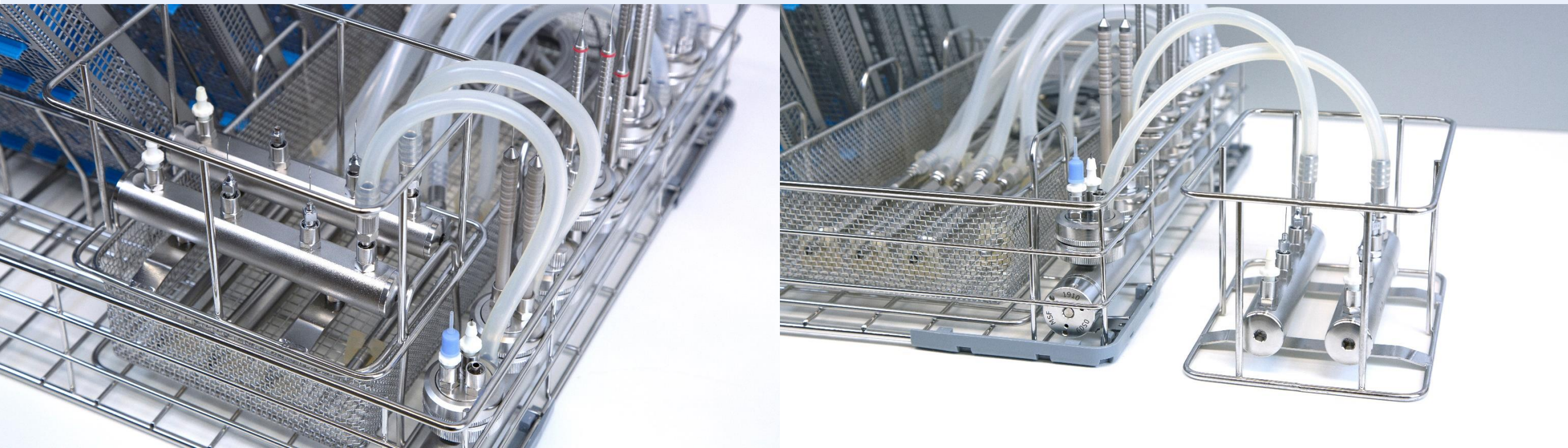
The example configuration may differ, especially for the hollow body connections.

*) Number and types of connectors may differ.

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