



Coolimat-200 with 200 l tank.

Compact and robust system for the supply of cooling water on preparation and cutting equipment

System components

Struers Cooling System is a compact system for the supply of cooling water to cut-off machines. The machine's compact design enables it to be stored underneath tables.

The cooling unit is based on two tank sizes, manufactured in stainless steel. Together with the two containers we also offer two different pump sizes. For both tank sizes a reusable filter bag is available.

On the 50 l tank, the filter bag is hanging down in the tank, on the 100 + 150 l tank the filter bag has a higher capacity and is placed on top of the tank. The filter bags should only be used when no more than a limited contamination of the water occurs, e.g. from infrequent use of grinding machines and small cut-off machines.

Control unit

To run the pump a control unit has to be used. This unit starts and stops the pump together with the connected machine.

Automatic bandfilter unit

Struers also offers a high capacity, external bandfilter unit called the Coolimat-200. This machine is intended for use with cut-off machines with high sample volume. With the Coolimat-200, all debris is automatically disposed of. It comes with a large 200 l tank and 500 metres of paper roll, ensuring long uninterrupted use and infrequent need for paper change. It also offers a choice of two pump sizes, and can be equipped with an additional pump in order to service 2 cut-off machines. An emergency stop button and cover safety switch have been added to maximize safety.

Other features include: left/right side configuration, water level indicator and optional magnetic filter. The Coolimat-200 is also available in a static filter variant.

Please see separate brochure for more details.

Magnetic filter

A magnetic candle can be inserted into the tank, in order to collect magnetic particles that are too fine to be picked up by the bandfilter.

Flexible cooling systems

Limited space needed – for easy placement underneath tables

Produced in stainless steel – for long product lifetime and high heat dissipation

Pumps and tanks available in two sizes – select sizes according to needs

Static filter bags are used – providing a simple and effective way to collect cutting debris

Specifications

Cat. no.

Cooling System 1

Static cooling system for Magnutom-400/500. With 150 l tank, Large pump, Cooli-1, XL filter bag with adapter. Consists of: 05766929, 057660XX, 05761116, 05766932.

Voltage

1 x 100 V / 50 Hz	05767316
1 x 100-120 V / 60 Hz CSA	05767323
1 x 220-240 V / 50 Hz CSA	05767322
1 x 220-240 V / 60 Hz CSA	05767324

Cooling System 2

Static cooling system for Exotom-150. With 150 l tank, Large pump, Cooli-1, XL filter bag with adapter. Consists of: 05766930, 057660XX, 05761116, 05766932.

Voltage

1 x 100 V / 50 Hz	05767416
1 x 100-120 V / 60 Hz CSA	05767423
1 x 220-240 V / 50 Hz CSA	05767422
1 x 220-240 V / 60 Hz CSA	05767424

Cooling System 3

With 50 l tank, small pump, Cooli-1 and filter bag, consists of: 05766906, 05766xxx, 05761116, 05766928.

Voltage

1 x 100 V / 50 Hz	05766516
1 x 100-120 V / 60 Hz	05766523
1 x 220-240 V / 50 Hz	05766522
1 x 220-240 V / 60 Hz	05766524
1 x 100-120 V / 50/60 Hz CSA	05766616

Cooling System 4

With 100 l tank with built-in static filter, large pump, Cooli-1 and XL filter unit. Consists of: 05766905, 057660xx, 05766116, 05766932.

Voltage

1 x 100 V / 50 Hz	05766716
1 x 100-120 V / 60 Hz	05766723
1 x 220-240 V / 50Hz	05766722
1 x 220-240 V / 60 Hz	05766724

Cooling System 7, for CitoPress-15 / -30

With 50 l tank, small pump, Cooli-1 and lid, consists of: 05766906, 05766xxx, 05761116 and 05766925.

Voltage

1 x 100 V / 50 Hz	05767116
1 x 220-240 V / 50 Hz	05767122
1 x 100-120 V / 60 Hz	05767123
1 x 220-240 V / 60 Hz	05767124
1 x 100-120 V / 50/60 Hz CSA	05767216

Cooli-1 control unit

Control unit for Struers Cooling Units, to control pump. Dimensions: 226 x 166 x 128 mm (WxDxH) 05761116

Coolimat-200

Automatic, external bandfilter unit with 200 l tank. For use with high volume cut-off machines. Stainless steel. Dimensions: 850 x 1,400 x 709 mm (WxDxH) 06161116

Coolimat-200 with static filter

Automatic, external static filter unit with 200 l tank. Including XL filter unit. For use with medium volume cut-off machines. Stainless steel. Dimensions: 850 x 1,400 x 550 mm (WxDxH) 06161216

150 l tank for Magnutom-400/500

Front plate and 150 l tank for use with Magnutom-400/500. Stainless steel. Includes adapter plate, XL filter unit, positioning rods and drain connection kit. 05766929

150 l tank for Exotom-150

Front plate and 150 l tank for use with Exotom-150. Includes adapter plate, XL filter unit, positioning rods. 05766930

100 l tank

100 l tank for use with Cooli-1 control unit 05761116 and XL filter unit. Stainless steel. Dimensions: 730 x 670 x 260 mm (WxDxH) 05766905

50 l tank

50 l tank for use with Cooli-1 control unit 05761116 and filter bag 05766928. Stainless steel. Dimensions: 520 x 460 x 260 mm (WxDxH) 05766906

Static filter

Static filter for placement around the pump inside the 50 l and 100 l tank 05766906 and 05766905. 05766934

Magnetic filter

Magnetic filter candle for removal of magnetic particles. Can be used in 100 l and 50 l tank 05766905 or 05766906 and other recirculation cooling units. 05766911

Pumps

Cat. no.

Large Pump

Capacity of 125 l/min at 1 bar. Can be used on 100 l or 50 l tank. Requires Cooli-1 control unit. Height: 220 mm above tank.

Voltage

1 x 100 V / 50 Hz CSA	05766016
1 x 100-120 V / 60 Hz CSA	05766023
1 x 220-240 V / 50 Hz CSA	05766022
1 x 220-240 V / 60 Hz CSA	05766024

Small Pump

Capacity of 60 l/min at 1 bar. Can be used on 100 l or 50 l tank. Requires Cooli-1 control unit. Height: 165 mm above tank.

Voltage

1 x 100 V / 50 Hz	05766116
1 x 100-120 V / 60 Hz	05766123
1 x 220-240 V / 50Hz	05766122
1 x 220-240 V / 60 Hz	05766124
1 x 100-120 V / 50/60 Hz CSA	05766216

Consumables

Cat. no.

Disposable filter bag, 50 l

Single-use filter bag for static recirculation cooling system. For use with 50 l tank. 10 pcs. 49900064

Disposable filter bag, 100 l

Single-use filter bag for static recirculation cooling system. For use with 100 l tank. 10 pcs. 49900065

Disposable filter bag, 150 l

Single-use filter bag for static recirculation cooling system. For use with 150 l tank. 10 pcs. 49900066

Filter bag connection kit 1

For connection of Labotom/Discomat on Struers Table unit to Disposable filter bag (49900064/65). 05766935

Filter bag connection kit 2

For connection of cut-off machine to Disposable filter bag (4990006X). 05766936

Disposable liners for 50 l tank

For collecting waste material in 50 l tank, 05766906, 20 pcs. 49900042

Disposable liners for 100/150 l tank

For collecting waste material in 100/150 l tank, 05766905, 20 pcs. 49900043

Corrozip 1 l

To protect the machine from corrosion, and to improve cutting and cooling qualities. For Recirculation Cooling Unit. 49900045

Corrozip 5 l

To protect the machine from corrosion, and to improve cutting and cooling qualities. For Recirculation Cooling Unit. 49900046

Corrozip-Cu

To protect the machine from corrosion, and to improve cutting and cooling qualities. For Recirculation Cooling Unit. For machines which mainly cut copper and copper alloys. 1 l 49900058
5 l 49900059

Unitclean

For cleaning of Recirculation Cooling Units to stop attack of microorganisms and remove unpleasant odours. 49900040

Struers' equipment is in conformity with the provisions of the applicable International Directives and their appurtenant Standards. (Please contact your local supplier for details).

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.



Cooling System with Cooli-1 and 50 l tank.

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