



System Lab opens up a whole range of combination possibilities. We have assembled a selection of already optimised designs for you:

The **System Combination 1** is a twin-wheel, double-spaced grinder and polisher for working wheels Ø 200 - 300 mm. The speed controlled working wheels are regulated separately for optimum usage. Simple operational handling is achieved with a clearly defined and robust menu display. The shock resistant plastic basin, powder-coated Aluminium housing and high standard of technology inside the unit lend the requisites for quiet and smooth running.



VARIABLE SPEED

The display on the grinder and polisher shows the speed digitally. The speed can be infinitely adjusted between 50 150, 300, 450 and 600 rpm. The speed can also be changed during the working sequence.

WATER

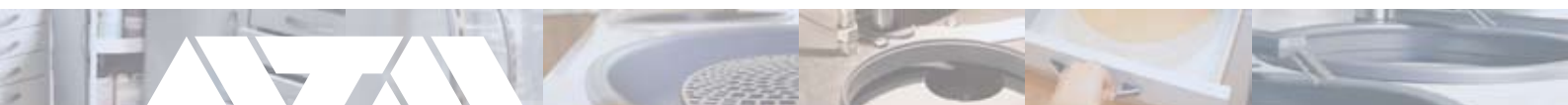
The water supply is switched manually. The rinsing tap can be pulled out for cleaning the basin with the hose extension. Optimum distribution of water can be reached by swinging the tap left and right across the diameter of the working wheel.

ACCESSORIES AND OPTIONS

You can upgrade the combinations with other elements as for example the System-settling tank with insertion mechanism or the Vacu-Jet system. Our modular system is based on a solid aluminum construction and allows individual equipment as well as flexible extension. Please also note our other System combinations.

INDUSTRIAL STANDARD

All components used by us, as well as the constructive design correspond to the normal device requirements for industry in Germany and the EC Safety Regulations. The units are finished in service friendly modular construction.





SYSTEM COMBINATION 1

Order No.: M5800035

- » System double-wheel grinder and polisher, 2 lines
- » Separately controlled motors
- » Variable speed with LED display
- » Impact-proof plastic bowl
- » Automatic water solenoid
- » Basin rinsing
- » Incl. splashing ring and cover
- » Aluminium case, powder coated
- » Cabinet as shown

POWER SUPPLY (select equipment)

Equipment 1

230 V/50 Hz (1/N/PE)

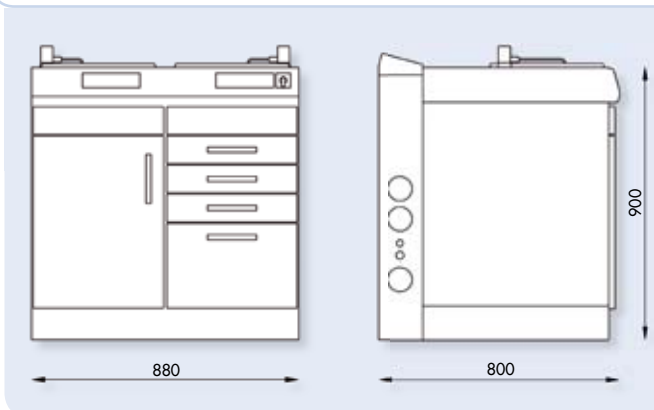
Order No.: A5800155

Equipment 2

110 V/60 Hz (1N/PE)

Order No.: A5800156

SPECIFICATIONS



Working wheels	Ø 200 - 300 mm
Motor	1.6 kW
Power supply	1 230 V/50 Hz (1/N/PE) 2 110 V/60 Hz (1N/PE)
Speed	50 - 600 rpm with LED display
Approx. WxHxD	880 x 900 x 800 mm



System Lab opens up a whole range of combination possibilities. We have assembled a selection of already optimised designs for you:

The **System Combination 2** is a triple-wheel, triple-spaced grinder and polisher for working wheels Ø 200 - 300 mm. The speed controlled working wheels are regulated separately for optimum usage. Simple operational handling is achieved with a clearly defined and robust menu display. The shock resistant plastic basin, powder-coated Aluminium housing and high standard of technology inside the unit lend the requisites for quiet and smooth running.



VARIABLE SPEED

The display on the grinder and polisher shows the speed digitally. The speed can be infinitely adjusted between 50 150, 300, 450 and 600 rpm. The speed can also be changed during the working sequence.

WATER

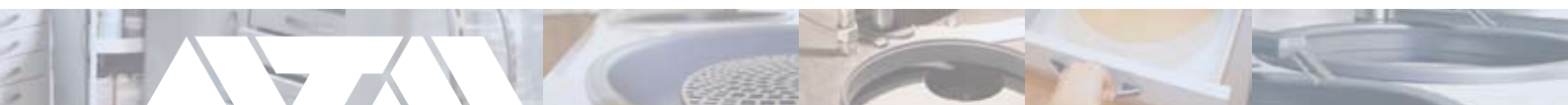
The water supply is switched manually. The rinsing tap can be pulled out for cleaning the basin with the hose extension. Optimum distribution of water can be reached by swinging the tap left and right across the diameter of the working wheel.

ACCESSORIES AND OPTIONS

You can upgrade the combinations with other elements as for example the System-settling tank with insertion mechanism or the Vacu-Jet system. Our modular system is based on a solid aluminum construction and allows individual equipment as well as flexible extension. Please also note our other System combinations.

INDUSTRIAL STANDARD

All components used by us, as well as the constructive design correspond to the normal device requirements for industry in Germany and the EC Safety Regulations. The units are finished in service friendly modular construction.





SYSTEM-KOMBINATION 2

Order No.: M5800036

- » System triple-wheel grinder and polisher, 3 lines
- » Separately controlled motors
- » Variable speed with LED display
- » Impact-proof plastic bowl
- » Automatic water solenoid
- » Basin rinsing
- » Incl. splashing ring and cover
- » Aluminium case, powder coated
- » Cabinet as shown

POWER SUPPLY (select equipment)

Equipment 1

230 V/50 Hz (1N/PE)

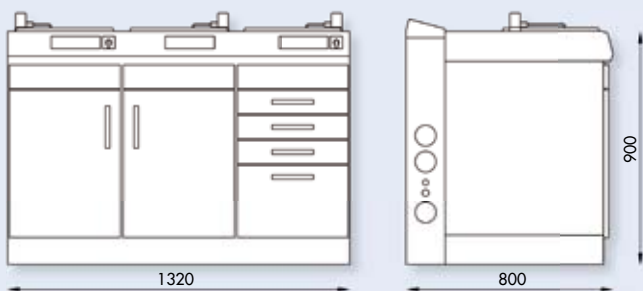
Order No.: A5800157

Equipment 2

110 V/60 Hz (1N/PE)

Order No.: A5800158

SPECIFICATIONS



Working wheels	Ø 200 - 300 mm
Motor	2.4 kW
Power supply	1 230 V/50 Hz (1N/PE) 2 110 V/60 Hz (1N/PE)
Speed	50 - 600 rpm with LED display
Approx WxHxD	1320 x 900 x 800 mm



System Lab opens up a whole range of combination possibilities. We have assembled a selection of already optimised designs for you:

The **System Combination 3** is a twin-wheel, triple-spaced grinder and polisher for working wheels Ø 200 - 300 mm with built-in sink. The speed-controlled working wheels are regulated separately for optimum usage. Simple operational handling is achieved with a clearly defined and robust menu display. The shock resistant plastic basin, powder coated Aluminium housing and high standard of technology inside the unit lend the requisites for quiet and smooth running.



VARIABLE SPEED

The display on the grinder and polisher shows the speed digitally. The speed can be infinitely adjusted between 50 150, 300, 450 and 600 rpm. The speed can also be changed during the working sequence.

SINK

The sink is made from polypropylene and is fitted with one hot/cold water tap.

WATER

The water supply is switched manually. The rinsing tap can be pulled out for cleaning the basin with the hose extension. Optimum distribution of water can be reached by swinging the tap left and right across the diameter of the working wheel.

ACCESSORIES AND OPTIONS

You can upgrade the combinations with other elements as for example the System-settling tank with insertion mechanism or the Vacu-Jet system. Our modular system is based on a solid aluminum construction and allows individual equipment as well as flexible extension. Please also note our other System combinations.

INDUSTRIAL STANDARD

All components used by us, as well as the constructive design correspond to the normal device requirements for industry in Germany and the EC Safety Regulations. The units are finished in service friendly modular construction.





SYSTEM COMBINATION 3

Order No.: M5800037

- » System double-wheel grinder and polisher, 3 lines
- » Separately controlled motors
- » Variable speed with LED display
- » Impact-proof plastic bowl
- » Automatic water solenoid
- » Basin rinsing
- » Incl. splashing ring and cover
- » Water basin (polypropylen) with single lever hybrid water fitting
- » Aluminium case, powder coated
- » Cabinet as shown

POWER SUPPLY (select Equipment)

Equipment 1

230 V/50 Hz (1/N/PE)

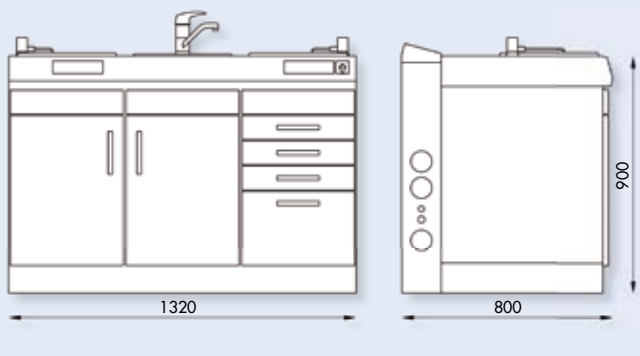
Order No.: A5800159

Equipment 2

110 V/60 Hz (1N/PE)

Order No.: A5800160

SPECIFICATIONS



Working wheels	Ø 200 - 300 mm
Motor	1.6 kW
Power supply	1 230 V/50 Hz (1/N/PE) 2 110 V/60 Hz (1/N/PE)
Speed	50 - 600 rpm with LED display
Approx. WxHxD	1320 x 900 x 800 mm



System Lab opens up a whole range of combination possibilities. We have assembled a selection of already optimised designs for you:

The **System Combination 4** is a twin-wheel, double-spaced grinder and polisher for working wheels Ø 200 - 300 mm with top-mounted grinding and polishing head Rubin 520 for single and central pressure. Operational handling via touch screen makes complicated sequences simple and easy. The speed-controlled working wheels are regulated separately for optimum usage. The shock resistant plastic basin, powder coated Aluminium housing and high standard of technology inside the unit lend the requisites for quiet and smooth running.



VARIABLE SPEED

The display on the grinder and polisher shows the speed digitally. The speed can be infinitely adjusted between 50 150, 300, 450 and 600 rpm. The speed can also be changed during the working sequence.

WATER

The water supply can be switched manually or automatically. The rinsing tap can be pulled out for cleaning the basin with the hose extension. Optimum distribution of water can be reached by swinging the tap left and right across the diameter of the working wheel.

GRINDING AND POLISHING HEAD

Through the single pressure applied by the Rubin 520, samples of different diameters and materials can be worked at the same time. In addition, it is fitted with a memory function for the side and height settings. The Rubin 520 grinding and polishing head is operated via clearly laid out touch-screen. Programs can be compiled and then stored for later use. Sample holders can be exchanged with the quick-change function. The grinding and polishing head is fitted with forward and reverse rotation.

ACCESSORIES AND OPTIONS

You can upgrade the combinations with other elements as for example the System-settling tank with insertion mechanism or the Vacu-Jet system. Our modular system is based on a solid aluminum construction and allows individual equipment as well as flexible extension. Please also note our other System combinations.

INDUSTRIAL STANDARD

All components used by us, as well as the constructive design correspond to the normal device requirements for industry in Germany and the EC Safety Regulations. The units are finished in service friendly modular construction.





SYSTEM-KOMBINATION 4

Order No.: M5800038

- » System double-wheel grinder and polisher with Rubin 520
- » Separately controlled motors
- » Variable speed of working wheel
- » Single and central pressure
- » Electronic control with touch display
- » Programmable memory
- » Polishing head: clockwise/anti-clockwise rotation
- » Memory function for side and height adjustment
- » Automatic water solenoid
- » Basin rinsing
- » Incl. splashing ring and cover
- » Impact-proof plastic bowl
- » Aluminium case, powder coated
- » Cabinet as shown

POWER SUPPLY (select equipment)

Equipment 1

230 V / 50 Hz (1 phase)

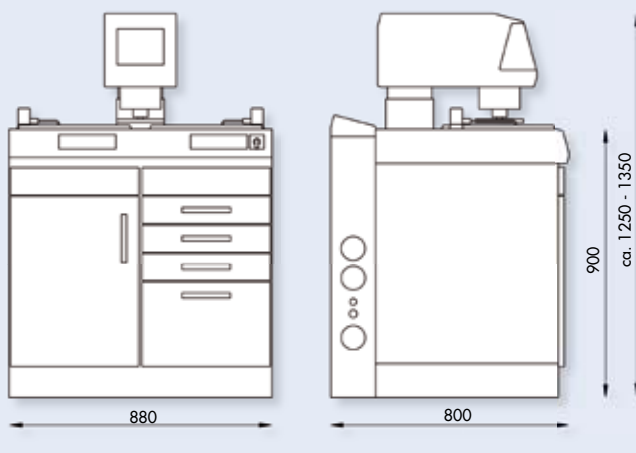
Order No.: A5800161

Equipment 2

110 V / 60 Hz (1 phase)

Order No.: A5800162

SPECIFICATIONS



Working wheels	Ø 200 - 300 mm
Samples/single pressure	1-6 samples Ø 50 mm
Central pressure	Depending on holder
Pressure	Variable
Single pressure	5 - 100 N
Central pressure	20 - 400 N
Motor	1.8 kW
Power supply	1 230 V/50 Hz (1 phase) 2 110 V/60 Hz (1 phase)
Speed grinder and polisher	50 - 600 rpm with LED display
Speed polishing head	120 rpm
Approx. WxHxD	880 x 1350 x 800 mm



System Lab opens up a whole range of combination possibilities. We have assembled a selection of already optimised designs for you:

The **System Combination 5** is a twin-wheel, triple-spaced grinder and polisher for working wheels Ø 200 - 300 mm with 2 top mounted grinding and polishing heads Rubin 530 for central pressure and integrated cleaning station for both polishing heads. Operational handling via touch screen makes complicated sequences simple and easy. The speed controlled working wheels are regulated separately for optimum usage. The shock resistant plastic basin, powder coated Aluminium housing and high standard of technology inside the unit lend the requisites for quiet and smooth running.



VARIABLE SPEED

The display on the grinder and polisher shows the speed digitally. The speed can be infinitely adjusted between 50 150, 300, 450 and 600 rpm. The speed can also be changed during the working sequence.

WATER

The water supply can be switched manually or automatically. The rinsing tap can be pulled out for cleaning the basin with the hose extension. Optimum distribution of water can be reached by swinging the tap left and right across the diameter of the working wheel.

GRINDING AND POLISHING HEAD

The Rubin 530 with central pressure is operated via clearly laid out touch-screen. Programs can be compiled and then stored for later use. The sample holders can be exchanged with the quick-change function. The grinding and polishing head is fitted with forward and reverse rotation.

CLEANING STATION

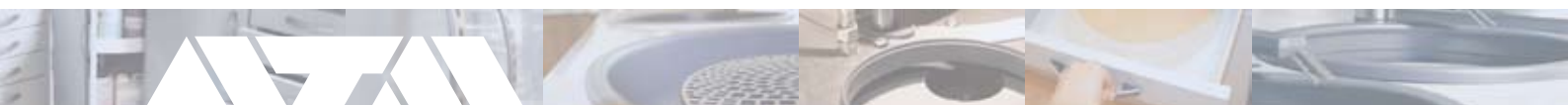
The cleaning station enables a fully automatic cleaning of the sample. The multi-step cleaning is carried out with water and air. Cleaning times and steps can be set as needed.

ACCESSORIES AND OPTIONS

You can upgrade the combinations with other elements as for example the System-settling tank with insertion mechanism or the Vacu-Jet system. Our modular system is based on a solid aluminum construction and allows individual equipment as well as flexible extension. Please also note our other System combinations.

INDUSTRIAL STANDARD

All components used by us, as well as the constructive design correspond to the normal device requirements for industry in Germany and the EC Safety Regulations. The units are finished in service-friendly modular construction.





SYSTEM COMBINATION 5

Order No.: M5800039

- » 3 Line System double-wheel grinder and polisher with two Rubini 530
- » Separately controlled motors
- » Variable speed of working wheel
- » Central pressure
- » Electronic control with touch display
- » Programmable memory
- » Polishing head: clockwise/anti-clockwise rotation
- » Integrated cleaning station for both polishing heads
- » Automatic water solenoid
- » Basin rinsing
- » Incl. splashing ring and cover
- » Impact-proof plastic bowl
- » Aluminium case, powder coated
- » Cabinet as shown

POWER SUPPLY (select equipment)

Equipment 1

230 V/50 Hz (1/N/PE)

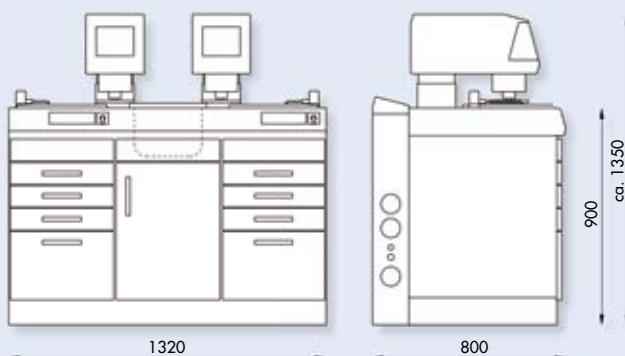
Order No.: A5800163

Equipment 2

110 V/60 Hz (1/N/PE)

Order No.: A5800164

SPECIFICATIONS



Working wheels	Ø 200 - 300 mm
Central pressure	Depending on holder
Pressure	Variable
Central pressure	20 - 400 N
Motor	1.2 kW
Power supply	1 230 V/50 Hz (1/N/PE) 2 110 V/60 Hz (1/N/PE)
Speed grinder and polisher	50 - 600 rpm with LED display
Speed polishing head	120 rpm
Approx. WxHxD	1320 x 1350 x 800 mm