ROUSSELET ROBATEL®
ROUSSELET CENTRIFUGATION GROUP

food industry
chemicals & pharmaceuticals
textile
metalworking

SUPER COMPACT LABORATORY CENTRIFUGE RA20

RANGE FEATURES

EASE OF USE

- Lid handling handle with locking mechanism.
- Large observation window.
- Front control panel with display

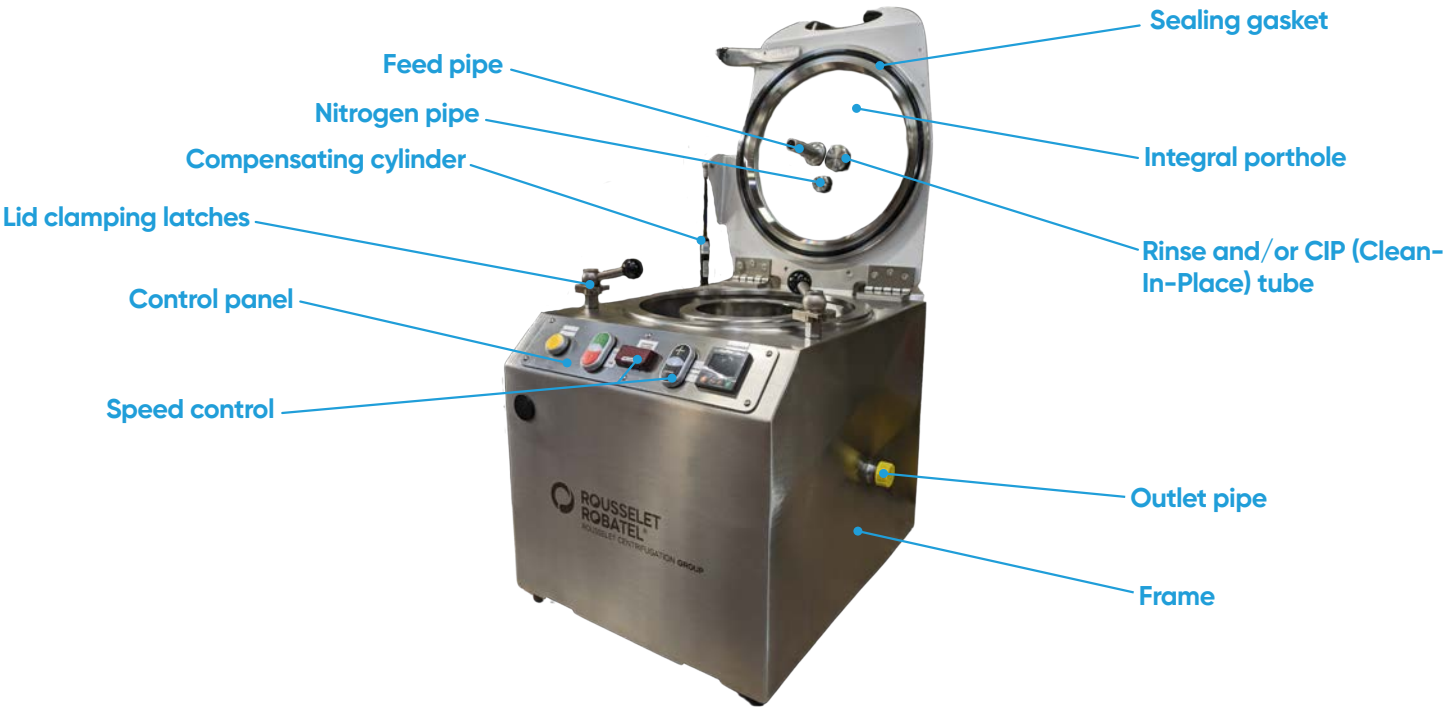
ADAPTABILITY/ PERFORMANCE

- Interchangeable components.
- Various solutions for solid/liquid and liquid/liquid separation.
- Suitable for use across all industry sectors

FONCTIONNALITY

- Versatile
- Ideal for R&D departments.
- Compact and functional design.
- Allows verification of centrifuge separation feasibility

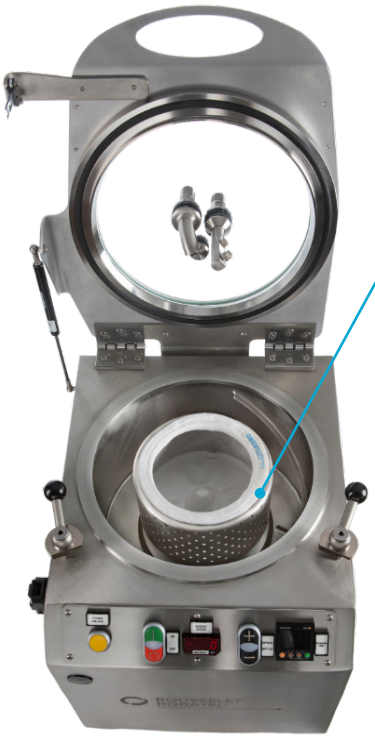
BASIC VERSION SPECIFICATIONS



KEY FEATURES

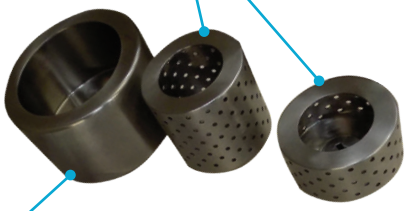
Type	Rotor	Height (mm)	Diameter (mm)	Useful volume (l)	Useful load (kg)	G-Effect (G)	Lenght (mm)	Width (mm)	Height (mm)
Centrifugation	Basket	50	120	0,3	0,37	820 G	516	454	440
		100	120	0,6	0,75	820 G	516	454	440
		100	200	1,2	1,5	1 370 G	516	454	440
Decantation	Bowl	100	200	1,2	1,5	1 370 G	516	454	440
Centrifugation	Basket	100	280	2,75	3,45	1 410 G	516	454	440
Decantation	Bowl	100	280	2,75	3,45	1 410 G	516	454	440

TECHNICAL VARIANTS OR ADDITIONAL ACCESSORIES



Removable filtration bag
(different materials, grades, and available characteristics) / Drainage grid.

Different diameter baskets
(120 and 280 mm) with useful volumes from 0.3 L to 2.75 L (in accordance with diameter and height.

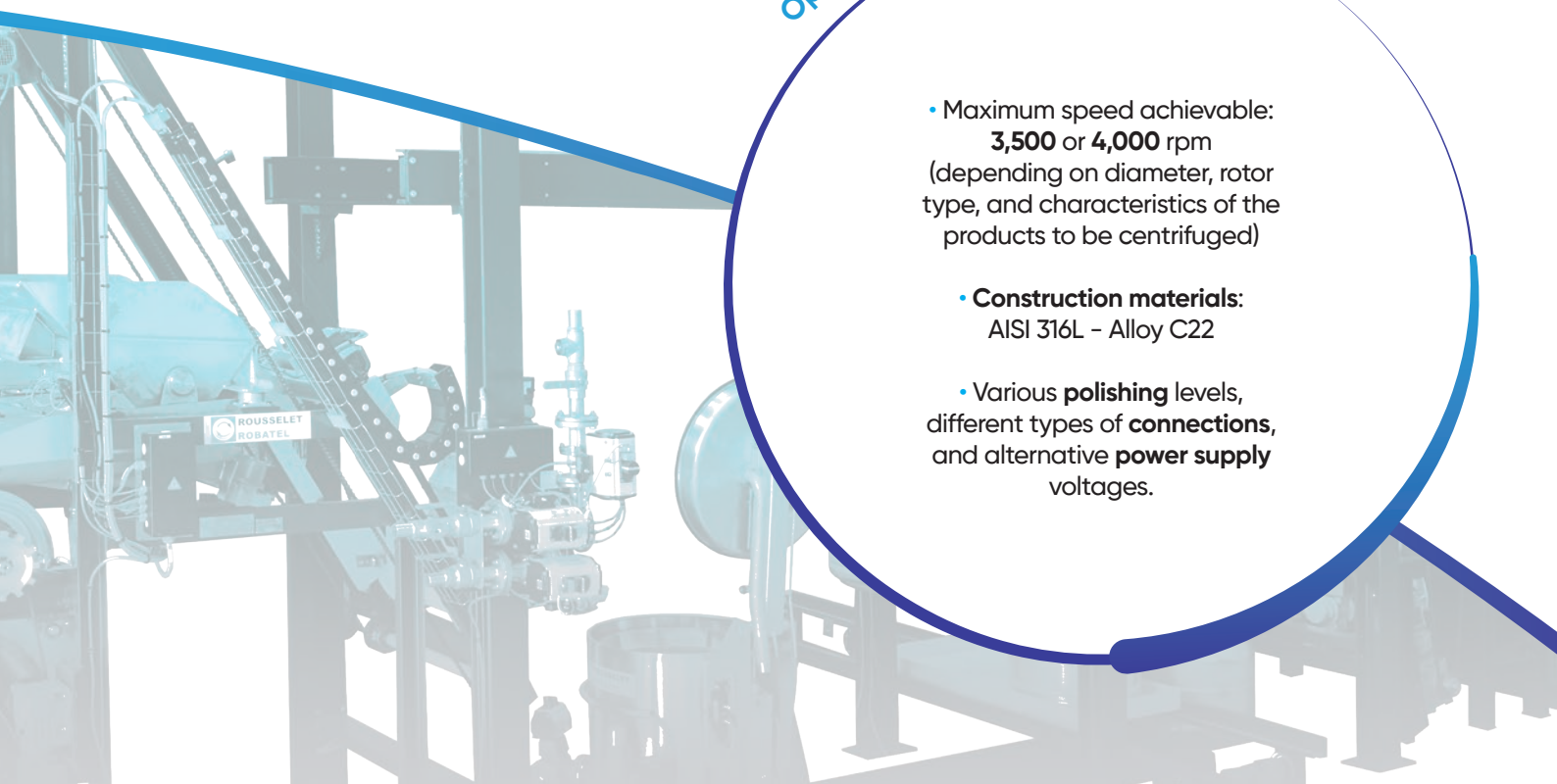


Decantation bowls
(évacuation du liquide épuré par (Purified liquid discharge by overflow) with diameters of 200 and 280 mm.
Option to make the bowl with sets of holes blocked by screws:
- On the top to modify its capacity.
- On the plate for liquid phase discharge.

Neutral gas feeding piping
Version suitable for operation under flowing nitrogen.

Timer
Cycle time selection

Optional equipment and auxiliaries



- Maximum speed achievable: **3,500** or **4,000** rpm (depending on diameter, rotor type, and characteristics of the products to be centrifuged)
- **Construction materials**: AISI 316L - Alloy C22
- Various **polishing** levels, different types of **connections**, and alternative **power supply** voltages.

SPECIFIC VERSIONS

Manual trolley / skid

With wheels for the centrifuge only or with selected peripheral equipment.

• On a wheeled cart, with elevation and an additional basket.

• With peripheral equipment (storage tanks for feed solutions, wash liquid, filtrate, and main control cabinet).

Insulating pad for maintaining the lid temperature

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