

Spin and Rins Dryer RD-150

The SAWATEC-Spin and Rins Dryer RD-150 is easy to operate and to handle. The instrument is available as Cabinet or integrated part of systems of wet-chemistry. Wafers / substrates can be rinsed by a cooling and drying centrifuge according to processes of wet chemistry. And they can be dried by centrifugal force and heated nitrogen.

The Spin and Rins Dryer of SAWATEC AG will convince you of high uniformity and durability combined with easy handling.

For pilot projects, institutes and R&D.



RD-150

FEATURES:

- ⇒ Max. loading capacity of 4 wafer cassettes between 2" to 6" cassettes (25 Slot)
- ⇒ Innovative cassette holder for three different cassette sizes, without any tools
- ⇒ Processcontroller with touch panel 5,7" monochrom
- ⇒ Processparameter: speed(rpm), time rins(sec.), time dry N2(sec.)
temperatur N2 - rinse(DI-water) (°C), temperature process chamber(°C)
- ⇒ Automatic unbalance-compensation up to 100gr.
- ⇒ Start of process by strat button or touch panel
- ⇒ Up to 10 recipes (20 segments per recipe)
- ⇒ Closed process chamber made of stainless steel
- ⇒ Rotor made of stainless steel
- ⇒ Pneumatic driven cover with interlock protection (two hand selectable)
- ⇒ Cassettes loading: manual
- ⇒ Cassettes fixation mechanically with side holder
- ⇒ Acoustic alarm when process has finalized

Tel: +423 377 17 90
Fax: +423 377 17 91
sales@sawatec.com
www.sawatec.com

SAWATEC AG
Industriestrasse 56
Postfach 514
FL-9491 Ruggell

For further information please contact our sales-department: sales@sawatec.com

Pictures may show standards with options.

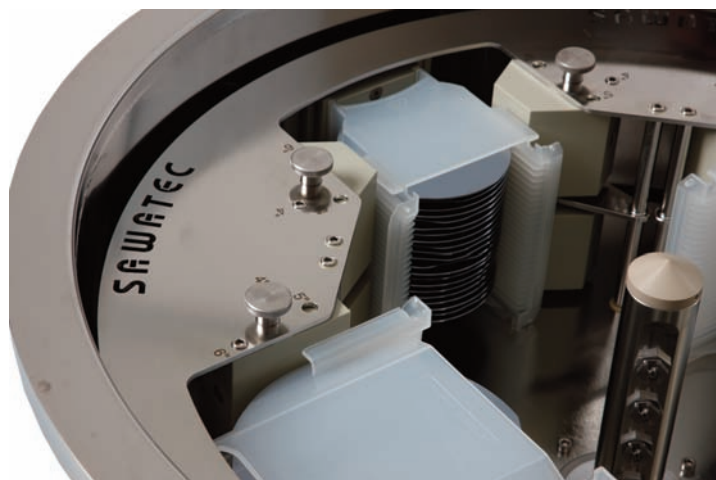
OPTIONS

- ↗ Rotor for masks-application
- ↗ Service-agreement



CARRIER

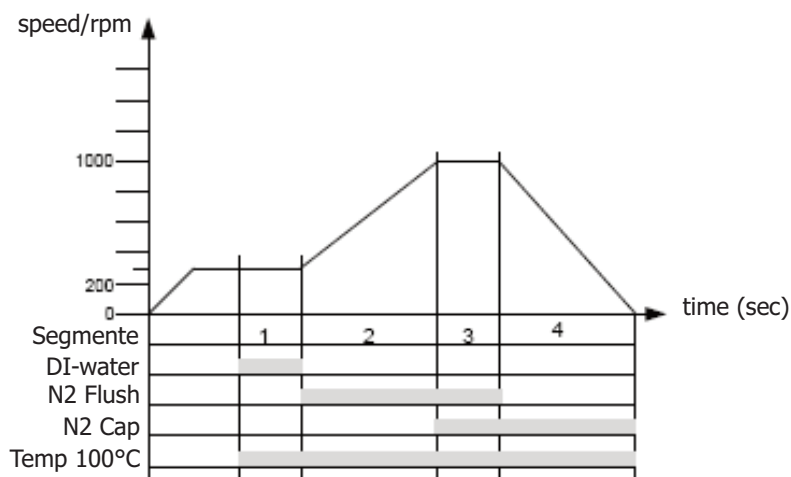
- ↗ Cassettes 2" to 6"
- ↗ masks on request



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PERFORMANCE

- ⇒ Processparameter: speed 1'400rpm +/-1rpm
time rins 99sec/segments
time dry N2 99sec/segments
temperature N2-rinse(DI-waterr) 80-100°C
temperature process chamer 70°C
- ⇒ Automatic unbalance-compensation: up to 100gr.
- ⇒ Max. loading capacity: 4 wafer cassettes (25 Slot)
- ⇒ Recipes: up to 10 (depends on the size of each recipes)
- ⇒ Segments: up to 20 segments per recipe



Sample for rins and dry process

- ⇒ 3PH/N 400VAC 50/60Hz
- ⇒ Compressed air tube Ø10/8mm (5 bar)
- ⇒ Nitrogen N2 tube Ø10/8mm (5 bar)
- ⇒ DI-water tube Ø10/8mm (5 bar)
- ⇒ Exhaust-connector G 2" (L=28mm)
- ⇒ Drain connector G 2" (L=28mm)



REQUIRED MEDIA

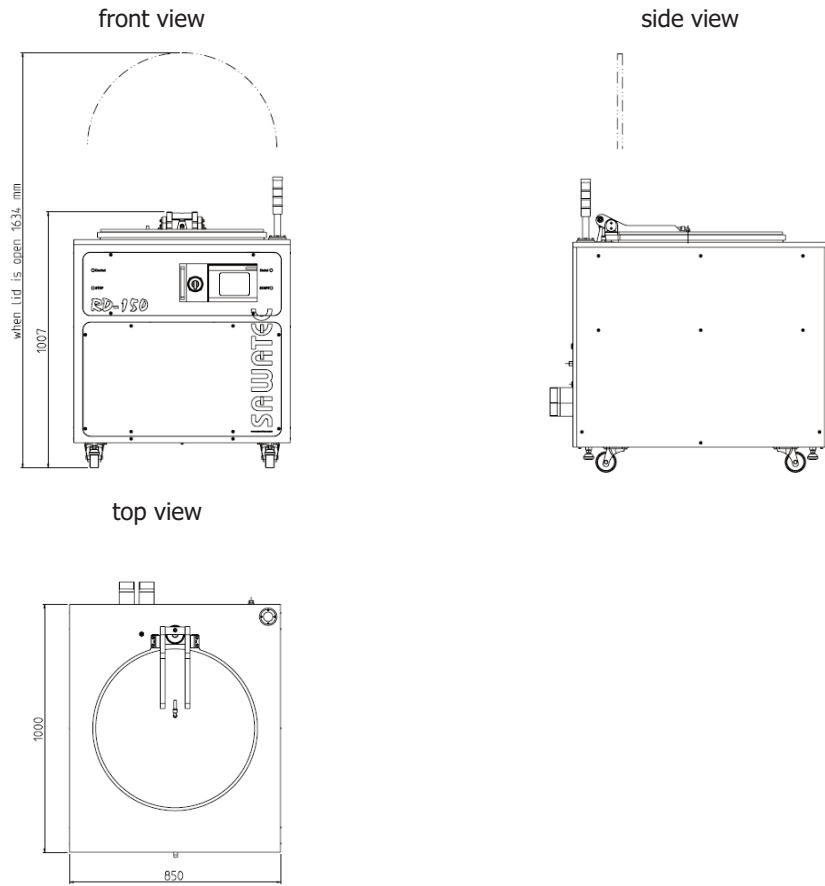
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VIEWS



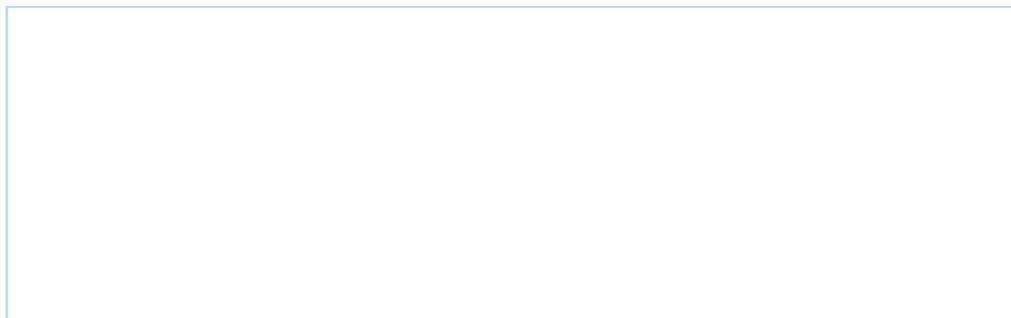
DIMENSIONS

- ⇒ Size: 850x1000x1010mm (LxBxH)
- ⇒ Weight: approx. 275kg

DESIGN

- ⇒ Housing: Polypropylen PP (RAL 7035)
- ⇒ Process chamber: Stainless steel
- ⇒ Rotor: Stainless steel

DEALER



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