

SURCOTEC 
SURFACE COATING TECHNOLOGY



**INTEGRATED
SOLUTIONS**

Swiss Excellence Dedicated to the Industrial World

Surcotec offers industrial vacuum treatment solution (sputtering/PVD or CVD) perfectly suited to your needs.

The equipment developed in collaboration with our clients is personalized according to the clients' specifications regarding the treatments capacity and typology.

The equipment's metallization is developed by your company and our technical teams, and is validated by your specialists.

Surcotec also built an analysis laboratory equipped with a scanning electron microscope (SEM), which represents a benchmark in surfaces analysis and description.

The laboratory allows us to provide our engineers support during the development and the validation of our treatments.

Our excellence in developing dedicated treatment equipment relies heavily on our other flagship activity, namely the vacuum treatment that we perform each year on hundreds of millions of parts for various sectors, i.e. medical, optical, decorative, spatial and industrial.

This equipment can be installed in our treatment facility or it can be integrated into your production line to meet all your needs for confidentiality or capacity.

SWISS QUALITY THAT FACILITATES YOUR SUCCESS

- Factory testing to validate the process
- Training of your personnel
- Remote technical support
- Guidance on your work environment

Accomplishments

CC Series

- Enclosure with 500 mm diameter
- Double or quadri magnetron of 325 mm
- Planetary rotation
- Pulse sputtering DC/DC
- RF/BIAS stripping
- Turbo-molecular pump



Extensive Technical Expertise

We work together with you to find a vacuum treatment solution that meets your needs for coatings and is ready for production once completed.

Our equipment is CE Certified and can obtain other certifications if required, i.e. APAVE, NSA, UL, etc.

The equipment is developed by professional teams with a diverse range of skills:

- One team formed of materials and chemical engineers who is in charge of vacuum treatment processes development in our treatment facilities.
- One team of designers, drafters and automation engineers who is in charge of manufacturing the production equipment working closely with your company.

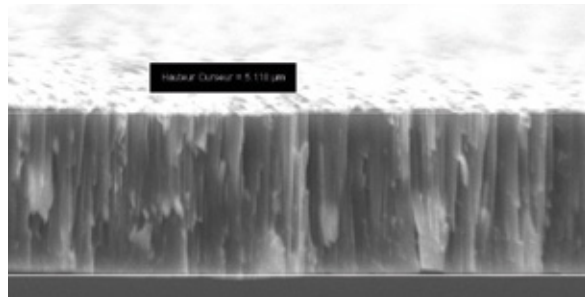
POWERFUL CONTROL SYSTEM

Available in semi-automatic and fully automatic mode with a simplified control mode, the equipment can be easily controlled.

The control software allows you:

- To facilitate technical support and avoid high customization prices
- Perform consistent controls
- Benefit from network capacity which enables real-time remote control

REF.	APPLICATIONS	TREATMENTS
LP	R&D, Production	Rotationnal 2D/2D +
CC	R&D, Production	Rotary 3D
SP	Production	Horizontal plan 2D/2D+
SPV	Production	Vertical plan 2D/2D+



Analysis of coatings on SEM (6000x magnifying power)

SPV Series

- Enclosure size 3000 x 1000 mm
- Usable treatment area of 1 sqm
- Double magnetron of 950 mm
- Treatment support in movement
- Pulse sputtering DC/DC
- RF/BIAS stripping
- Turbo-molecular pump





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SURCOTEC SA

Pont-du-Centenaire 109A
1228 Plan-les-Ouates
Geneva, Switzerland

T: +41 22 794 73 83
F: +41 22 794 73 60
sales@surcotec.ch

www.surcotec.ch

Other Members of the Group:

- **SYVACO**
Geneva, Switzerland
www.syvaco.ch
- **GAGGIONE SA**
Montréal-la-Cluse / France
www.gaggione.com
- **GAGGIONE (agencies)**
- **QUADRATEC INJECTION INC.**
Dorval / Canada
www.quadratecinjection.com

