

ebeam Atelier



Our Atelier has been designed by specialists for specialists. It is a workshop environment fully equipped with an EBLab innovation hub and the materials you need to test your process. Whether you want to cure, crosslink, or sterilize, we take those first steps with you.

Standard Atelier Equipment

- Expert service
 - EBLab 200 (nitrogen or air atmosphere)
 - Oven
 - Draw down coater and bars
 - Personal protective equipment
- Other specialized equipment available, please inquire.

The EBLab is a standalone and compact testing unit that turns creative science into results. Whether testing your material quality or developing new materials, our EBLab allows you to adjust parameters to explore frontiers, making it ideal for R&D trials and validation tests. It is efficient, cost effective, and is accompanied by a team of experts that offer their support every step of the way. Bring your ideas, push a button, and get instant results.



Our goal is to make electron beam technology accessible to everyone, and help accelerate your innovation journey. We have Ateliers in:

- Flamatt, Switzerland
- San Jose, California
- Shanghai, China
- Yokohama, Japan

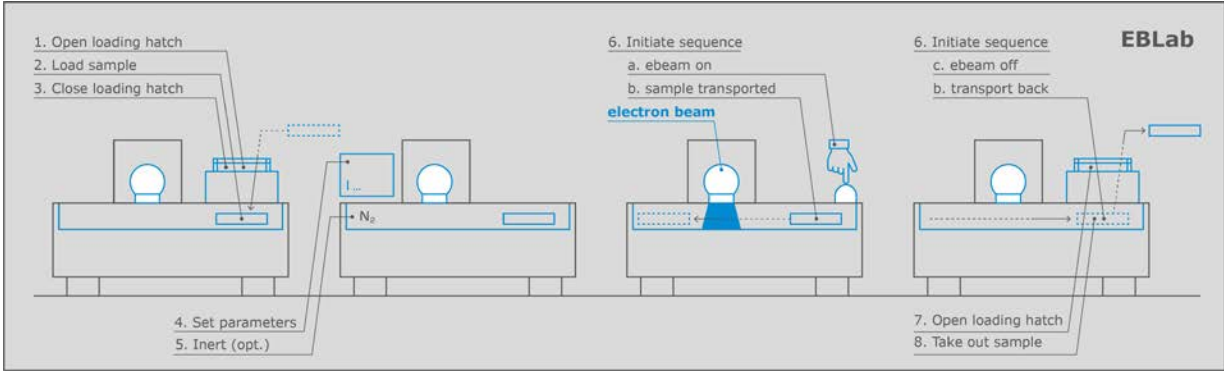
ebeam Technologies

COMET AG
 Herrengasse 10
 3175 Flamatt
 Switzerland
 T +41 31 744 98 10

COMET Technologies USA, Inc.
 Comet Group Lab ONE
 3055 Orchard Drive, Suite 150
 San Jose CA 95134, USA
 T +1 408-786-0276

COMET Mechanical Equipment (Shanghai) Co., Ltd.
 1201 Guiqiao Road, Bldg. 10
 1st/FL, Pudong
 Shanghai, 201206, China
 T +86 21 6879 9000

C/O YXLON International KK
 New Stage Yokohama 1st Floor
 1-1-32 Shin-Urashima-cho
 Kanagawa-ku, Yokohama
 Kanagawa, Japan 221-0031
 T +81 45 461 0511



EBLab Specifications

Maximum sample dimension	A4 (210mm x 297mm) A4 (8.2" x 11.6")
Maximum sample thickness	50 mm 2 in
Maximum single-pass dose (speed/voltage dependent)	3 - 900 kGy 0.3 - 90 Mrad
Accelerating voltage	80 - 200 kV
Conveyor speed	3 - 30 m/min 10 - 100 ft/min
Inerting level	<200 ppm of residual O ₂
Coating weight (Mayer rod)	4 - 80 µm 0.16 - 3.15 mils
Oven range	<300 °C <570 °F

Dream of Change.
Beam for Change.

Our Atelier is where new discoveries happen.
Book a trial now! info.ebeam@comet.ch

The Atelier is part of our Access ebeam program. Access ebeam stands apart as a research and development center which allows you to test your ebeam idea today, and implement it tomorrow.

ebeam Technologies

COMET AG
Herrengasse 10
3175 Flamatt
Switzerland
T +41 31 744 98 10

COMET Technologies USA, Inc.
Comet Group Lab ONE
3055 Orchard Drive, Suite 150
San Jose CA 95134, USA
T +1 408-786-0276

COMET Mechanical Equipment (Shanghai) Co., Ltd.
1201 Guiqiao Road, Bldg. 10
1st/FL, Pudong
Shanghai, 201206, China
T +86 21 6879 9000

C/O YXLON International KK
New Stage Yokohama 1st Floor
1-1-32 Shin-Urashima-cho
Kanagawa-ku, Yokohama
Kanagawa, Japan 221-0031
T +81 45 461 0511