



# BLANCLABO

laboratory equipment



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## Lab Overview 2017 / 2018

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[www.blanc-labo.com](http://www.blanc-labo.com)  
[www.labmaterials.net](http://www.labmaterials.net)

# Incubators & Ovens

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**Range** - 30° C to + 2'000° C

**Capacity** from 25 to 1'700 Liters



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## **Incubators // Heating - Drying Ovens**

Volume : 25 to 1'000 Liters

Temperature : RT+5 to 300° C

With ventilation or natural convection

Excellent temp. uniformity

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### 1 Refrigerated Incubators

Volume: 25 to 1700 Liters  
Temperature: -20 to 80°C  
Stainless steel or plastic interior  
Excellent temp. uniformity

### 2 Shaking Incubators

Speed range: 30 - 550 rpm  
Shaking throw: Ø 3, 25 & 50 mm  
Capacity max: 18 x 5 Liters  
Options: cooling, CO<sup>2</sup>, humidification, light,...

### 3 CO<sup>2</sup> Incubators

Volume: 56 to 240 Liters  
Temperature: RT +5 to 50°C  
CO<sup>2</sup> range: 0 to 20%  
Sterilization programme

### 4 Vacuum Ovens

Volume: 18 to 101 Liters  
Temperature: RT +5 to 200°C

### 5 High Temperature Ovens

Volume: 30 to 120 Liters  
Temperature: RT +60 to 600°C

# Climate Chambers & Environmental test Chambers

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**Range** - 40 to +190° C // 10 to 95 % Hr

**Capacity** from 90 to 1'700 Liters

**Light** up to 40'000 LUX

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## **Climate Test Chambers**

Volume : 100 to 1'700 Liters

Range : -30 to +80° C // 10 % to 95 % Hr

Storage at constant climates according to the ICH guideline in the pharmaceutical industry

Options : Various Light sources, validation-calibration...

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②



③



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### 1 Environmental test chambers

Volume : 100 to 800 Liters

Range : - 40 to +190° C // 10 % to 95 % Hr

Excellent temperature & humidity homogeneity

### 2 Growth chambers

Volume : 90 to 1'700 Liters

Temperature : - 20 to + 80° C

Max light : 40'000 LUX

Options : CO<sub>2</sub>, humidification...

### 3 Ex-proof cabinets

Volume : 320 to 1'640 Liters

Range : - 20 to + 80° C

Test room Ex II 2G EEx IIC T3

Options : Humidification, validation-calibration...

### 4 Walk-in Chambers

Volume : volume up to 40 m<sup>3</sup>

Temperature : - 40 to + 40° C

Application range :

- Stability tests according to the ICH Guidelines
- Plant growth
- Storage aerosol cans ( Ex-proof version )

# Refrigerators & Freezers

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**Range** -150°C to +10°C

**Capacity** from 7 to 2'100 Liters



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## **Biomedical Refrigerators & Freezers**

Volume : 94 to 2'100 Liters

Range : -40 to +4°C

White or stainless steel exterior

Stainless steel interior

Options : Validation-calibration, monitoring system...

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### 1 Blood Banks & Pharmacy Refrigerators

Volume: 94 to 2'100 Liters  
Telescopic drawers  
Certified 93/42/EEC  
Options: Validation-calibration, monitoring system...

### 2 Ultra Low Chest Freezers

Volume: 74 to 368 Liters  
Range: -20 to -86°C  
Options: Racks, Boxes, Validation-calibration, CO<sup>2</sup> back-up...

### 3 Plastic Refrigerators & Freezers

Volume: 130 to 5'000 Liters  
Range: -25 to +4°C  
Options: Drawers, Validation-calibration...

### 4 Ultra Low Chest Freezers -150°C

Volume: 169 & 230 Liters  
Temperature: -150°C  
Options: Racks, Boxes, CO<sup>2</sup> back-up...

### 5 Ultra Low Upright Freezers -40, -86 and -90°C

Volume: 7 to 800 Liters  
Range: -40 to -90°C  
Dual refrigeration system which consists of two independent systems -90°C  
Options: Racks, Boxes, Validation-calibration, CO<sup>2</sup> back-up...

# Autoclaves & Sterilisers

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For lab, production & research

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## **NEW Autoclaves**

Volume : 24 to 5'000 Liters

Temperature max : 143° C

For solids and liquids

Full automatic system

Very large choice of options and accessories...

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# Freeze Dryers

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For lab, production & research

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## **Freeze Dryers**

Modular system

Temp. of condenser -50° C / -80° C

Micro-processing control

Ice capacity from 2 to 40 kg /24h

Condenser till 120 liters

Very large choice of options and accessories...

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# Security Filtration Systems

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### Filtered storage cabinets

Modular filtration system

Capacity : 50 to 240 bottle of 1 Liter

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### NEW Ductless fume hoods

Designed for user safety, energy savings and environmental protection.

Applications : liquids, powders, liquids and powders, cleanroom Modular filtration technology customized for your applications.

Size : 80, 100, 125, 160 and 180 cm.

New air quality sensor

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Air quality sensor



# Ben Top Equipment

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## 1 Ultrasonic Cleaner Sonica

Analog or digital regulation  
Volume : 1.9 to 130 Liters max.  
Temperature : + 70° C Up to 40 kHz  
Different stainless steel baskets, lids, cover...

## 2 NEW Ultra Pure Water System

Quality 0.055µS (18.2MΩ-cm).  
Endotoxin and nuclease free water.  
TOC < 5ppb. Dispense rate 2 l/min, variable and volumetrically programmable.  
Dispensed via on system or remote dispense unit.

## 3 Analytical & Precision Balances

Read-out between 1 µg and 10 gr.  
Weighing range from 2 gr up to 300 kg.  
Internal or external calibration.  
Large choice of accessories and options.

## 4 Homogeniser POLYTRON (in-line)

Throughput volume of up to 150,000 l/h  
Tip speeds up to 40 m/s provide small particle sizes

## 5 Homogeniser MEGATRON (batch)

Application volumes : 0.05 ml to 50 Liters  
Power : 100 to 3000 W  
Aggregate from 3 mm to 60 cm  
Speeds up to 40'000 rpm



### 6 Orbital Shaker

Bench-top shaker  
Speed range: 20–550 rpm  
Shaking throw: Ø 25 mm  
Capacity max: 6 x 5000 ml

### 7 Labware

with low prices and satisfaction guaranteed

### 8 NEW Chemicals

Reagents and chemical products. Dehydrated culture media bases. Indicators for volumetric titrations. Standards for calibration



# New Line

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## Chemical products

- » more than 14'000 products
- » customized solutions

## Stainless Steel Furniture for clean Roos

- » Made in AISI 304 Ni-CR 18/10
- » Finishing in Scotch-Brite

# New Product

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## Ultra pure water system



## Filtration & microfiltration



## USB Temp. data Logger

**TEMPSEN**

## Centrifuges up to 3 Liters



# Centrifuges & Refrigerated Centrifuges

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- » Up to 3 Liters
- » Optimize your application and growth your results
- » Touch screen display
- » Large accessories choice





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