

## Drying ovens DOD

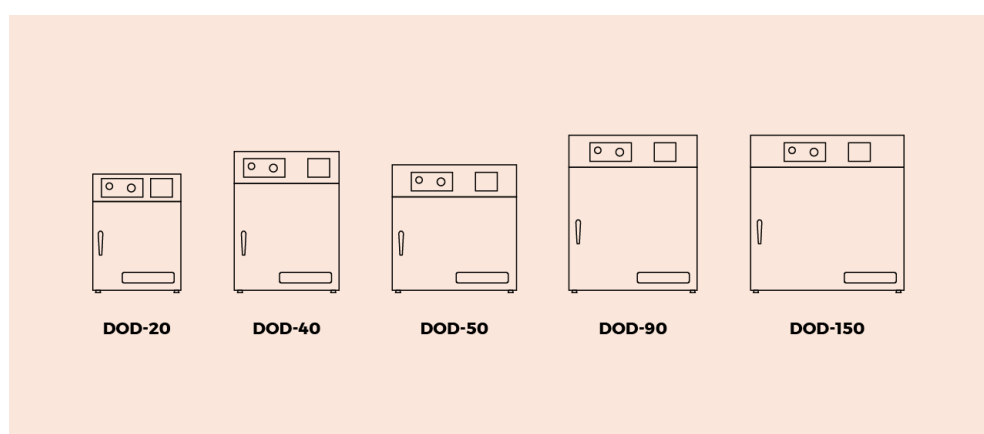


DOD-150



### Intended use

Drying and sterilization of samples in all types of research and industrial environments.



## DOD

### Features

- Drying by natural convection.
- Temperature range from room temperature +5°C to 250°C.
- Heating by electric elements assembled in an independent chamber for optimal temperature stability.
- Temperature and time controlled by digital PID microprocessor, with 10 editable programs of customizable name, programmable with up to 10 temperature/time segments.
- Timer start and Timer stop adjustable by date, hour and minute.
- Intuitive alphanumeric touchscreen user interface that displays time, temperature and cycles in graphs, has audiovisual alarms and advanced cycle and timer programming.
- Ethernet connection that allows the use of the online **RAYPANet** platform to view and export cycles, generate reports and simultaneously manage different equipment.
- Temperature probe Pt100 class A.
- Rear and top adjustable aeration devices for moisture evacuation and external probe access
- External metallic frame with epoxy resin coating.
- Inner chamber, inner side door and trays made of stainless steel AISI-304.
- Silicone sealing gasket.

### Seguridad

- Audiovisual security alarms: end of cycle, probe failure, heating error, overheating and temperature out of range.
- Adjustable class 2 safety hydraulic thermostat.
- Stainless steel interior and corrosion-resistant, easy to clean metal exterior that remains at safe temperature without overheating.
- Door lock protects samples from unauthorized access (optional accessory: MCLL).
- Homogeneity and temperature stability according to DIN 12880 regulation.
- Safety according to EN 61010-1 and EN 61010-2-010 regulations.

### Supplied with:

- Two perforated trays made in stainless steel AISI 304 adjustable in height, with anti-tilting system.
- Access to the online platform RAYPANet.

Referencia Reference Référence	Capacidad Capacity Capacité l	Estabilidad Stability Stabilité %	Homogeneidad Homogeneity Homogénéité %	INTERIOR L x D x H mm	EXTERIOR L x D x H mm	Potencia Power Puissance W	Tensión* Voltage Voltage V	Peso Weight Poids Kg
<b>DOD-20</b>	20	±0,25	±2	230 x 250 x 300	440 x 440 x 590	600	230	27
<b>DOD-40</b>	40	±0,25	±2	350 x 300 x 400	540 x 435 x 690	900	230	40
<b>DOD-50</b>	50	±0,25	±2	450 x 330 x 330	660 x 420 x 620	1000	230	45
<b>DOD-90</b>	90	±0,25	±2	450 x 400 x 500	640 x 550 x 790	1200	230	54
<b>DOD-150</b>	150	±0,25	±2	580 x 500 x 500	790 x 600 x 790	2000	230	70

\* También disponible en 115 V de tensión / Also available with a voltage of 115 V / Également disponible avec 115 V.

## DOD

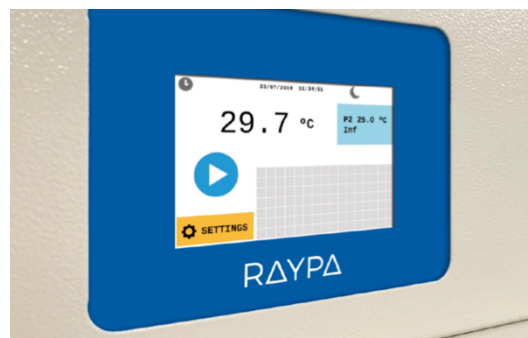
### RAYPAnet - new online data processing platform

- All incubation and drying equipment have a Ethernet connection that allows the use of the RAYPAnet online platform on a PC to view and export all the information of the cycles with graphs and all the relevant data, with the ability to export data reports.
- All cycle data can be viewed on the platform in real time or through the cycle history registry. Furthermore, all data can be exported in .csv and .pdf file formats for later consultation, study and storage.
- The platform is compatible with all web browsers and multiple equipment can be connected and controlled simultaneously.

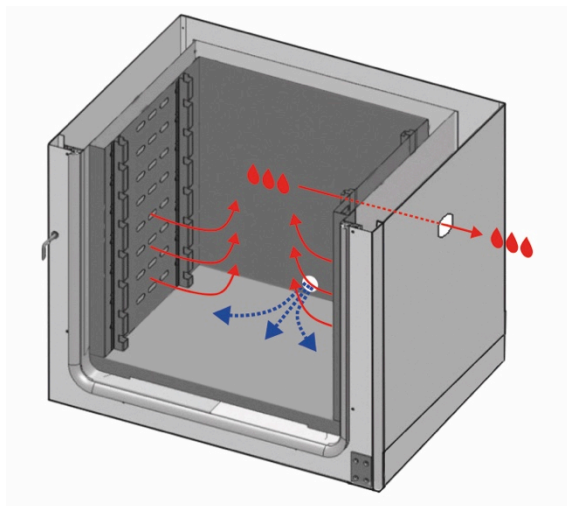


### New microprocessor for all incubation and drying equipment

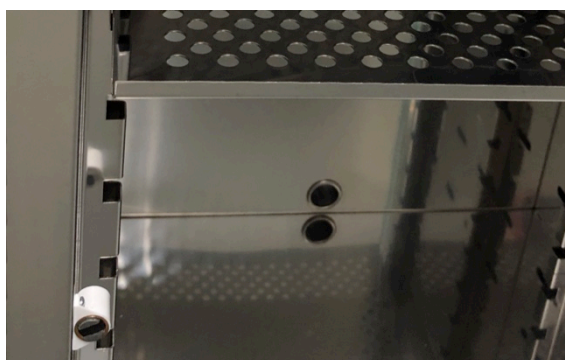
- Intuitive alphanumeric user interface through a 3,5' LCD touchscreen that allows the display of time, temperature and cycle evolution in graphic format in real time.
- Compatible with Celsius or Fahrenheit scales with a resolution of 0.1°C/°F.
- Capable of advanced cycle and timer programming, with up to 10 preset programs editable in parameters and name, programmable at a fixed temperature during an infinite time or with up to 10 time and temperature segments. Timer start and timer stop customizable by date and time.
- Audiovisual security alarms for cycle finalization, probe failure, heating error, overheating and temperature out of range.



## DOD



MOISTURE EVACUATION SCHEME



SIDE AND REAR HOLES FOR THE MOISTURE EVACUATION PRODUCED IN THE CHAMBER. ALSO, HOLES CAN BE USE AS AN ACCESS PORT FOR EXTERNAL PROBE.

## Accessories

### BANDEJAS PERFORADAS EN ACERO INOX. / STAINLESS STEEL PERFORATED TRAYS / PLATEAUX PERFORÉES EN ACIER INOX.

Referencia Reference Référence	Para estufas For ovens Pour etuves	Número máx. de bandejas Max. number of trays Nº max. d'plateaux	Bandejas / Trays / Plateaux L x D mm
<b>BE-20</b>	DOD-20	5	235 x 225
<b>BE-40</b>	DOD-40	7	325 x 285
<b>BE-50</b>	DOD-50	6	443 x 315
<b>BE-90</b>	DOD-90	9	425 x 385
<b>BE-150</b>	DOD-150	9	575 x 485



### FILTRO BACTERIOLÓGICO

• Filtro bacteriológico de 0,22µm en el aire de entrada y/o salida.

Referencia: **FIL-ID/DOD**

### BACTERIOLOGICAL FILTER

• Bacteriological filter of 0.22µm for inlet and/or exhaust air.

Reference: **FIL-ID/DOD**

### FILTRE BACTÉRIOLOGIQUE

• Filtre bactériologique de 0,22 µm pour l'air entrant et/ou évacué.

Référence: **FIL-ID/DOD**



### MANETA CON LLAVE

• La puerta con cerradura protege las muestras frente al acceso no autorizado.

Referencia: **MCLL**

### LOCKABLE HANDLE

• Lockable door protects samples from unauthorized access.

Reference: **MCLL**

### POIGNÉE VERROUILLABLE

• La porte verrouillable protège les échantillons contre tout accès non autorisé.

Référence: **MCLL**



### PUERTA DE CRISTAL

• Puerta exterior de cristal doble templado en modelos especiales.

### GLASS DOOR

• Double tempered glass exterior door in special models.

### PORTE EN VERRE

• Porte extérieure en verre trempé double modèles spéciaux.

