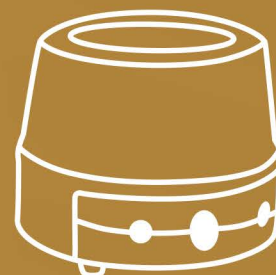




[J] INDEX OF CONTENTS HEATING/COOLING

[JB] Ovens	364
JBB - Incubators	364
JBD - Drying ovens.....	368
JBG - Drying ovens, accessories.....	372
JBJ - Refrigerated incubators.....	373
JBM - Refrigerated incubators, accessories.....	374
JBP - Muffle furnaces	374
JBR - Muffle furnaces, accessories	376
[JD] Baths	376
JDB - Water/Oil baths, analogical.....	376
JDD - Water/Oil baths, digital	379
JDG - Water/Oil baths, accessories.....	382
JDL - Circulation, accessories	383
JDN - Immersion thermostats.....	383
JDQ - Immersion thermostats, accessories	384
JDS - Thermoblocks	385
[JG] Heating mantles	389
JGB - Mantles with stirring.....	389
JGD - Mantles without stirring	390
JGG - Mantles, accessories.....	391
JGJ - Hot plates	391
JGL - Hotplates, accessories.....	393
[JJ] Freezer - cooling.....	393
JJB - Refrigerated cabinets.....	393
JJG - Freezers.....	396
[JZ] Others.....	396
JZB - Heating elements.....	396
JZD - Ice machines	397





JBB - Incubators

► Incubators series 636 PLUS



- 1 | Made of painted and oven-dried steel, epoxy coated metal exterior cabinet and stainless steel interior.
- 2 | Door with double glass window for external control without temperature variations in the inner chamber.
- 3 | Air circulation system by natural convection.
- 4 | Supplied with two height-adjustable grille trays.

Code	JBB005	JBB001	JBB002	JBB003	JBB004
Capacity	18 L	30 L	45 L	65 L	125 L
Temperature range	Ambient at 80°C				
Resolution	1 °C (configurable a 0.1°C)*				
Fluctuation temperature	± 1.0 °C				
Homogeneity	2%				
Power	0.3 Kw	0.3 Kw	0.3 Kw	0.4 Kw	0.5 Kw
Approx. dimensions (cm)					
external	44x38x55	46x51x69	50x55x73	55x55x84	64x68x91
internal	26x26x26	31x31x31	35x35x35	40x36x45	50x45x55
Weight	20 Kg	39 Kg	42 Kg	53 Kg	58 Kg

* consult

► Bacteriological incubators



- 1 | Temperature regulating thermostat and analogue thermometer.
- 2 | For adjustable temperatures from room +5 °C to 80 °C.
- 3 | Stability: ±0.1 °C, at 37 °C. Homogeneity: ±0.5 °C, at 37 °C
- 4 | Inner door of tempered glass.
- 5 | Double chamber, easy-to-clean interior without openings

Code	JBB504
Capacity	36 L
Shelves positions	7
Power	245 W
Dimensions	
external	60x62x54 cm
internal	40x30x30 cm
Weight	20 Kg

► "Incubig-TFT"



- 1 | Microprocessor control and 4.3 inches TFT touch screen display.
- 2 | Large surface area heating elements.
- 3 | Inner chamber made of AISI 304 stainless steel.
- 4 | Double door, interior door of tempered glass that allows the user to see the contents of the chamber without opening the door.

Code	JBB509	JBB510	JBB511
Type	1 door	2 door	3 door
Capacity	288 L	400 L	720 L
Shelves positions	8	10	12
Power	570 W	1100 W	1600W
Dimensions (cm)			
external	97x91x76	130x114x75	152x134x85
internal	80x60x60	100x80x50	120x100x60
Weight	87 Kg	160 Kg	225 Kg



JBB - Incubators

► “Prebatem-TFT”



- 1 | Microprocessor control and 4.3 inches TFT touch screen display.
- 2 | Large surface area heating elements.
- 3 | Inner chamber made of AISI 304 stainless steel.
- 4 | Double door, interior door of tempered glass that allows the user to see the contents of the chamber without opening the door.

Code	JBB515	JBB516	JBB517
Capacity	36 L	80 L	150 L
Shelves positions	7	8	8
Power consumption			
at 5°C	70 W/hr	75 W/hr	90 W/hr
at 40°C	50 W/hr	55 W/hr	60 W/hr
Power	310 W	310 W	310W
Dimensions (cm)			
external	97x91x76	130x114x75	152x134x85
internal	80x60x60	100x80x50	120x100x60
Weight	54 Kg	73 Kg	94 Kg



► “Digitheat-TFT”



- 1 | Natural convection.
- 2 | Microprocessor control with tft touch screen.
- 3 | Adjustable temperature from ambient +5 °C up to 250 °C.
- 4 | Stability: ± 0.3 °C, up to 150 °C. homogeneity: ± 1 °C, up to 150 °C.
- 5 | Set error: ± 2 % of the working temperature. resolution: 1 °C.

Code	JBB519	JBB520	JBB522
Capacity	19 L	36 L	80 L
Shelves positions	5	7	8
Power	600 W	900W	1200W
Dimensions (cm)			
external	50X60X44	60X65X49	70x74x59
internal	30X25X25	40X30X30	50x40x40
Weight	24 Kg	35 Kg	59 Kg



► “Digitheat-TFT”- Poupinel



Code	JBB521	JBB530*	JBB523
Capacity	52 L	52 L	150 L
Shelves positions	5	5	8
Power	1000W	1000W	2100W
Dimensions (cm)			
external	53X82X52	53X82X52	70x95x68
internal	33X47X33	33X47X33	50x60x50
Weight	44 Kg	44 Kg	73 Kg

*115V instead of 230V





JBB - Incubators

► "Digitheat-TFT"



Model Digitronic type Poupine
CODE: JBB539 and JBB543



Model Digitronic with solid metal door.
CODE: JBB536 and JBB540
(With toughened glass window door
CODE: JBB537 and JBB541)



Model Digitronic type Poupinel, door with
toughened double glass window
CODE: JBB538 and JBB542

- 1| TFT touch screen.
- 2| Inner chamber made of AISI 304 stainless steel.
- 3| Pre-mixing chamber made of AISI 304 stainless steel.
- 4| Homogeneously distributed shielded heating elements with complete air circulation throughout.
- 5| Low external temperature due to excellent thermal insulation.
- 6| Flexible silicon door gasket around the entrance of the chamber.
- 7| Excellent door seal due to the floating inner door that adjusts and absorbs the thermal expansion.
- 8| Turbo fan made of AISI 304 stainless steel that makes to circulate the air at the working temperature.
- 9| Diagram showing the air flow from the pre-mixing chamber around the heating elements prior to entry to the oven's chamber.
- 10| Independent insulated control box. Epoxy coated outer case.

Code	JBB536	JBB537	JBB540	JBB541
Capacity	33 L	33 L	76 L	76 L
Door type	Metal	Glass	Metal	Glass
Heating rate (100°C)	15 min	15 min	17 min	17 min
Recovery time	7 min	7 min	9 min	9 min
Comp.air exchange	16/hr	16/hr	14/hr	14/hr
Shelves positions	7	7	8	8
Power	1200 W	1200W	1600W	1600W
Dimensions (cm)				
external	60x65x55	60x65x55	70x75x65	70x75x65
internal	40x28x30	40x28x30	50x38x40	50x38x40
Weight	38 Kg	40 Kg	58 Kg	64 Kg

Code	JBB538	JBB539	JBB542	JBB543
Capacity	47 L	47 L	145 L	145 L
Door type	Metal	Glass	Metal	Glass
Heating rate (100°C)	16 min	16 min	17 min	17 min
Recovery time	7 min	7 min	10 min	10 min
Comp.air exchange	16/hr	16/hr	12/hr	12/hr
Shelves positions	5	5	9	9
Power	1200 W	1200W	2000W	2000W
Dimensions (cm)				
external	53x81x58	53x81x58	70x95x72	70x95x72
internal	33x45x32	33x45x32	50x58x50	50x58x50
Weight	46 Kg	50 Kg	74 Kg	79 Kg

► "Incubator CO2"



- 1| External case of steel coated with epoxy with insulated chamber.
- 2| Two doors; one interior of tempered glass with silicon gasket and a heated external steel door with magnetic seal to prevent condensation on the glass door.
- 3| Smooth door action, to prevent jolts or vibrations

Code	JBB545
Capacity	150 L
Shelves positions	9
Power	1100 W
Dimensions (cm)	
external	95x65x73
internal	65x50x46
Weight	110 Kg



JBB - Incubators

Incubator for Petri capsules



- 1 | Natural convection.
- 2 | Microprocessor regulation and temperature digital control.
- 3 | For adjustable temperatures from ambient +5°C to 60°C.
- 4 | Stability: $\pm 0,1^{\circ}\text{C}$ to 37°C . Homogeneity: $\pm 0,1^{\circ}\text{C}$ to 37°C . Setpoint error: $\pm 0,1^{\circ}\text{C}$. Resolution: $0,1^{\circ}\text{C}$.

Code	JBB546
Margin T ^a	RT +5°C to 60°C
Dimensions (cm)	
external	9x45x24
internal	2x32x22
Power	200 W
Weight	3,5 Kg



Speed orbital shaker. "D-1102"



- 1 | Model D-110 2 for adjustable temperatures from +4°C to 60°C.
- 2 | With forced air circulation with or without cooling.
- 3 | Digital electronic regulation of speed, temperature and time. for long periods of operation.

Code	JBB547
Rotation range	25 mm
Speed range	de 25 a 300 r.p.m.
Speed control in steps of	1 r.p.m.
Refrigeration	No
Heating	Yes
Temperature control in steps of	0.1 °C
Timer	de 0 a 999 hours
Useful platform, measures	460 x 460 mm
Dimensions (cm)	620 x 630 x 840 mm
Power	200 W
Weight	3,5 Kg



page
[367]

"Incudigit-TFT"



- 1 | Natural convection.
- 2 | Digital control and display of temperature and time.
- 3 | Adjustable temperature from ambient +5 °C up to 80 °C.
- 4 | Stability: $\pm 0.1^{\circ}\text{C}$, up to 37°C . Homogeneity: $\pm 0.5^{\circ}\text{C}$, up to 37°C .
- 5 | Set error: $\pm 2\%$ of the working temperature, resolution 0.1°C
- 6 | Internal tempered glass door.

Code	JBB560	JBB561	JBB562*	JBB563	JBB564
Capacity	19L	36L	52L	80L	150L
Dimensions (cm)					
external	51x57x49	60x62x54	53x79x57	70x72x64	70x92x74
internal	30x25x25	40x30x30	33x47x33	50x40x40	50x60x50
Shelves	5	5	5	8	8
Power	170 W	225 W	275 W	300W	525W
Weight	26 Kg	36 Kg	46 Kg	54 Kg	75 Kg



CODE: JBB560, JBB561,
JBB563 and JBB564



CODE: JBB562



JBB - Incubators

▶ "Incubat"



- 1 | Natural convection.
- 2 | Temperature thermostat control with digital thermometer.
- 3 | Adjustable temperatures from ambient +5 °C up to 80 °C.
- 4 | Stability: ± 0.1 °C, up to 37 °C. homogeneity: ± 0.5 °C, up to 37 °C
- 5 | Internal glass door.

Code	JBB565	JBB566	JBB567	JBB568	JBB569
Capacity	19L	36L	52L	80L	150L
Dimensions (cm)					
external	51x57x49	60x62x54	53x79x57	70x72x74	70x92x74
internal	30x25x25	40x30x30	33x47x33	50x40x40	50x60x50
Shelves	5	7	5	8	8
Power	165 W	245 W	275 W	325W	545W
Weight	26 Kg	36 Kg	46 Kg	54 Kg	78 Kg



JBD - Drying ovens

▶ Drying oven, series 631 PLUS



- 1 | Epoxy coated metal exterior cabinet and stainless steel interior. Adjustable legs to facilitate the installation and leveling of the stove.
- 2 | Door with 180° opening window with double thermal safety glass for external control, without temperature variations in the interior chamber.
- 3 | Air circulation system by natural convection (by changing densities).
- 4 | Supplied with two height-adjustable grille trays.
- 5 | Two heating speeds that can be selected with a button (except in ref.JBD009).

Code	JBD009	JBD001	JBD002	JBD003	JBD004
Capacity	18 L	30 L	45 L	65 L	125 L
Temperature range	80°C a 250 °C				
Resolution	1 °C (configurable a 0.1°C)*				
Fluctuation temperature	± 1.0 °C				
Homogeneity	2%				
Power	0.6 Kw	0.8 Kw	1.0 Kw	1.5 Kw	2.3 Kw
Approx. dimensions (cm)					
external	44x38x55	46x51x69	50x55x73	55x55x84	64x68x91
internal	26x26x26	31x31x31	35x35x35	40x36x45	50x45x55
Weight	20 Kg	39 Kg	42 Kg	53 Kg	58 Kg

* consult

▶ Forced air ovens, series 632 PLUS



- 1 | Forced air circulation by means of a fan.
- 2 | Fan on/off switch.

Code	JBD005	JBD006	JBD007	JBD008
Capacity	30 L	45 L	65 L	125 L
Temperature range	80 - 250°C			
Resolution	1°C (configurable a 0.1°C)*			
Fluctuation temperature	$\pm 1,0$ °C			
Homogeneity	2%			
Power	0.8 Kw	1.0 Kw	1.5Kw	2.3Kw
Approx. dimensions cm				
external	46x51x69	50x55x73	55x55x84	64x68x91
internal	31x31x31	35x35x35	40x36x45	50x45x55
Weight	39 Kg	42 Kg	53 Kg	58 Kg

* consult



JBD - Drying ovens

► Drying oven "Conterm"



- 1| Natural convection.
- 2| Temperature regulating thermostat and analogue thermometer.
- 3| For adjustable temperatures from 40 °C to 250 °C.
- 4| Stability: ± 0.3 °C, at 150 °C. Homogeneity: ± 3.25 °C, at 150 °C.

Code	JBD506
Capacity	19 L
Shelves positions	5
Power	640 W
Dimensions (cm)	
external	50x60x44
internal	30x25x25
Weight	27 Kg



► Glass drying oven "Dryglass"



- 1| Hydraulic thermostat for temperature control. Air circulation by turbo fan. Inner chamber made of AISI 304 stainless steel with shelf runners. Removable tempered glass sliding doors. Ventilation port for steam. Epoxy coated external case.
- 2| Supplied with 2 shelves and 4 shelf guides.
- 3| Dual heating power selector switch. Mains indicator lamp. Hydraulic thermostat for temperature control. Locking system of thermostat knob. Heater "ON" operation indicator lamp. Analogue thermometer. Adjustable over temperature safety thermostat, that cuts off the power if the control thermostat fails, manual reset with "on" indicator lamp.

Code	JBD512
Capacity	126 L
Shelves positions	8
Power	3000 W
Dimensions (cm)	
external	66x94x54
internal	45x70x40
Weight	65 Kg



► Poupinel dry heat sterilizer "Dryterm"



- 1| Heating by shielded elements in the base that provides a rapid rise in temperature. Flap door. Inner chamber made of AISI 304 stainless steel, complete with a heater cover, three shelf runners and two perforated shelves 10 mm high. Epoxy-coated outer casing.
- 2| Hydraulic thermostat temperature control. Locking device for thermostat knob. Timer 0 to 120 min. with automatic switch off. Heater "ON" indicator. Analogue temperature reading thermometer.

Code	JBD513
Capacity	19 L
Temperature range	From 60 °C up to 250 °C
Shelves positions	8
Power	770 W
Dimensions (cm)	
external	37x54x34
internal	25x32x23
Weight	19 Kg





JBD - Drying ovens

► “Precistern”



- 1| With built in drain tap.
- 2| Double skinned tank of AISI 304 stainless steel with an exterior case of AISI 304 stainless steel.
- 3| Heating elements embedded in INCOLOY heat and corrosion resistant stainless steel.

Code	JBD515
Capacity	45 L
Max temp	200 °C
Power	3800 W
Dimensions (cm)	
external	22x69x62
internal	15x62x50
Weight	18 Kg

► “Vaciotem-T”



- 1| Digital temperature and timer control.
- 2| Controllable temperature from 35 °C to 200 °C.
- 3| Stability ± 1 °C, up to 100 °C. homogeneity ± 2 °C, up to 100 °C. set error ± 1 °C. resolution 1 °C.

Code	JBD516
Capacity	45 L
Vacuum max	10 ² mm Hg
Shelves	2
Dimensions (cm)	
external	54x76x70
internal	34x52
Power	2000 W
Weight	73 Kg

► “Vaciotem-TV”



- 1| Digital temperature control, electronic vacuum pressure display and timer.
- 2| Controllable temperature from 35 °C to 200 °C
- 3| Stability ± 1 °C, up to 100 °C. Homogeneity ± 3 °C, up to 100 °C. Set error ± 2 °C. Resolution 1 °C.

Code	JBD517
Capacity	47 L
Vacuum max	10 ² mm Hg
Shelves	2
Dimensions (cm)	
external	54x76x70
internal	34x52
Power	2000 W
Weight	73 Kg



JBD - Drying ovens

► Poupinel dry heat sterilizer "Drytime II"



- 1| Heating by shielded elements in the base which provide a rapid temperature rise.
- 2| Flap door.
- 3| Inner chamber in AISI 304 stainless steel.
- 4| Removable tank with extraction clamps.

Code	JBD518
Capacity	1,5 L
Dimensions (cm)	
external	15x31x20
internal	6,5x25x12
Power	300 W
Weight	4 Kg



► "Dry-Big"



- 1| Microprocessor controlled with digital display of temperature and time, pre-programmable time start and run time once the set temperature has been achieved through the Pt100 temperature sensor.
- 2| Inner chamber made of AISI 304 stainless steel.
- 3| Pre mixing chamber made of AISI 304 stainless steel.
- 4| Three phase except for models* JDB531 and JBD533(230 single phase)

Code	JBD530	JBD531*	JBD532	JBD533*
Capacity	216L	216L	288L	288L
Heating rate 100°C	16 min	16 min	18 min	18 min
Recovery time	10 min	10 min	10 min	10 min
Dimensions (cm)				
external	87x112x84	87x112x84	107x12x84	107x12x84
internal	60x60x60	60x60x60	80x60x60	80x60x60
Air exchanges	12/hr	12/hr	11/hr	11/hr
N° Shelf	6	6	8	8
Power	4000 W	4000 W	5000 W	5000W
Weight	150 Kg	150 Kg	161 Kg	161 Kg



page
[371]

► "Dry-Big" double door cabinet



- 1| Microprocessor controlled with digital display of temperature and time, pre-programmable time start and run time once the set temperature has been achieved through the Pt100 temperature sensor.
- 2| Inner chamber made of AISI 304 stainless steel.
- 3| Pre mixing chamber made of AISI 304 stainless steel.
- 4| Three phase except for models* JDB531 and JBD533(230 single phase)

Code	JBD534	JBD535
Capacity	400L	720L
Heating rate 100°C	18 min	19 min
Recovery time	13 min	13 min
Dimensions (cm)		
external	128x132x74	150x152x80
internal	100x80x50	120x100x60
Air exchanges	13/hr	13/hr
N° Shelf	10	12
Power	5250W	6000 W
Weight	200 Kg	264 Kg





▶ JBD - Drying ovens

▶ "Conterm"



Type Poupinel

- 1 | Natural convection.
- 2 | Temperature thermostat control with digital thermometer.
- 3 | For adjustable temperatures from 40 °C up to 250 °C.
- 4 | Stability: ± 0.5 °C up to 150 °C. Homogeneity: ± 1.5 °C up to 150 °C.

Code	JBD540	JBD541	JBD543*	JBD544	JBD545*
Capacity	19L	36L	52L	80L	150L
Dimensions (cm)					
external	50x60x44	60x65x49	53x82x52	70x74x59	70x95x68
internal	30x25x25	40x30x30	33x47x33	50x40x40	50x60x50
Shelves	5	7	5	8	8
Power	580 W	870 W	980 W	1150 W	1900 W
Weight	27 Kg	35 Kg	44 Kg	54 Kg	76 Kg

* Type Poupinel

▶ JBG - Drying ovens, accessories

▶ Accessories incubators and drying ovens Nahita'



Code	Description	Model			
		30L	45L	65L	125L
JBG001	Shelf 28x28 cm	i			
JBG002	Shelf 32x32 cm		i		
JBG003	Shelf 37x33 cm			i	
JBG004	Shelf 47x42 cm				i
JBG005	Fastening guide	i			
JBG006	Fastening guide		i	i	

i = Accessory **included** with the specified equipment = Accessory **compatible** with the specified equipment

▶ Accessories incubators and drying ovens Selecta

Code	Description	For ovens
JBG501	Calibration certificate	BOXCULT
JBG503	Timer 0 to 12 hours	CONTERM and INCUBAT
JBG504	CO ₂ Analyse	INCUBATOR CO ₂
JBG507	Shelf oven 375x395 mm	
JBG508	Shelf oven/incu. 120x100x60 cm	DRY-BIG and INCUBIG 720 L
JBG509	Shelf oven 390x390	INCUDIGIT-TFT; PREBATEM - TFT; CONTERM; DIGITHEAT-TFT; INCUBAT 80 L DIGITRONIC 145 L
JBG510	Shelf oven 275x295 mm	
JBG511	Shelf oven 445x330 mm	
JBG512	Shelf oven 295x295 mm	INCUBAT; INCUDIGIT-TFT; PREBATEM-TFT; CONTERM and DIGITEAT-TFT 36 L DIGITRONIC 47 L
JBG513	Shelf oven 595x500 mm	INCUBAT; INCUDIGIT-TFT; PREBATEM-TFT; CONTERM and DIGITHEAT-TFT 150 L
JBG514	Shelf incubator 295x295 mm	INCUBIG 288 L
JBG515	Shelf oven 245x245 mm	DIGITHEAT-TFT 19 L; DIGITRONIC 33 L; INCUBAT 19 L
JBG516	Shelf oven 465x330 mm	INCUDIGIT-TFT; CONTERM; DIGITHEAT-TFT; INCUBAT 52 L and DIGITRONIC 76 L
JBG517	Shelf oven dryglass	DRYGLASS 126 L
JBG518	Shelf oven 575x495 mm	
JBG519	Shelf oven 60x60-80x60 mm fan	DRY-BIG 216-288 L
JBG520	Shelf oven/incubator 100x80x50 mm	DRY-BIG et INCUBIG 400 L
JBG521	Shelf oven 400°C hightemp	HIGHTEMP
JBG522	Shelf runners (2) oven dryglass	DIGITHEAT-TFT; INCUBAT and INCUDIGIT-TFT 19 L
JBG523	Shelf runners (2) 19 L	DIGITHEAT-TFT; INCUBAT and INCUDIGIT-TFT 19 L
JBG524	Shelf runners (2) inc. incubig 288 L	INCUBIG 288 L
JBG525	Shelf runners (2) 150 L	CONTERM 150 L
JBG526	Printer: temp., CO ₂ , time, status	INCUBATOR CO ₂



JBJ - Refrigerated incubators

Refrigerated cabinets "Medilow-S"



- 1 | With forced air fan circulation.
- 2 | With digital electronic temperature control.
- 3 | Temperature range controllable from +2 °C to +40 °C. With a stability of ± 1.5 °C.
- 4 | Resolution 1 °C.

Code	JBJ501
Capacity	180 L
Dimensions (cm)	
external	85x60x85
internal	70x51x44
Shelves	3
Internal power points	2
Power	250 W
Weight	36 Kg



Refrigerated cabinets "Medilow-M and L"



- 1 | Temperature range controllable from +2 °C to +40 °C. With a stability of ± 1.5 °C. Resolution 1 °C..
- 2 | Electronic temperature control with digital display. Pt 100 temperature probe. Probe failure alarm.

Code	JBJ502	JBJ503
Capacity	236 L	544 L
Dimensions (cm)		
external	125x60x85	164x75x95
internal	106x47x44	145x60x56
Shelves	3	4
Internal power points	2	2
Power	330 W	330 W
Weight	47 Kg	73 Kg



Refrigerated cabinets "Medilow-LG"



- 1 | Double glass door. Epoxy covered external case. Easy to clean, strong, molded ABS Interior. Vibration and CFC free hermetically sealed compressor. Turbine fan air circulation, enclosed within the unit. External hole for connecting inside probes, etc.
- 2 | Internal power connection to a maximum of 500 W.
- 3 | Adjustable level front supports.
- 4 | Door can be hung to open left or right.

Code	JBJ504
Capacity	544 L
Dimensions (cm)	
external	164x75x95
internal	145x60x56
Shelves	4
Internal power points	2
Power	330 W
Weight	82 Kg





J

HEATING-COOLING - [JB] ovens



JBJ - Refrigerated incubators

► Refrigerated cabinet "Hotcold S"



- 1| Forced air circulation.
- 2| Digital electronic control of temperature and time,
- 3| Adjustable from +5 °C to 65 °C.
- 4| Stability ± 0.1 °C, up to 20 °C. homogeneity ± 0.5 °C, up to 20 °C. set error ± 2 °C.
- 5| Resolution 0.1 °C.

Code	JBJ505
Capacity	160 L
Dimensions (cm)	
external	128x63x63
internal	65x50x43
Range	+5°C - +65°C
Shelves	10
Motor HP	3/8
Power	400 W
Weight	70 Kg



JBM - Refrigerated incubators, accessories

Code	Description	For ovens
JBM501	Guides (2) set hotcold s	HOTCOLD S
JBM502	Shelves hotcold s	HOTCOLD S

page
[374]



JBP - Muffle furnaces

► Serie 642



- 1| Outer metal housing with epoxy pain protective. Inner built with low density refractory bricks and isolating fibers that provides great temperature uniformity.
- 2| Drop down door that allow loading and removal the materials easily (except 642/16).
- 3| Digital automatic pyrometer regulation, microprocessor, alarm, PID parameters and non-volatile memory.
- 4| Accessories: regulation ramps: 1 program of 8 steps or 4 programs of 16 steps; smoke extractor chimney, forced smoke extractor chimney.

Code	JBP001	JBP002	JBP003	JBP004	JBP005
Model	642/3	642/6	642/8	642/12	642/16
Capacity	3.6 L	6 L	7.6 L	12 L	18 L
Maximum temperature	1200°C				
T ^a max limited working	1100°C				
Potency (W)	1200W	2000W	3800W	3800W	4500W
Thermocouple	Tipo K				
Control	Digital				
Heater	Thread Kanthal AF				
Heating place	2	3	3	2	3
Door	Down	Down	Down	Down	Side
Controlador	Bottom	Bottom	Bottom	Bottom	Side
Dimensions					
interior (AxAnxF)	12x15x20 cm	15x20x20 cm	16x20x24 cm	20x25x28 cm	23x26x30 cm
exterior (AxAnxF)	45x35x43 cm	40x50x45 cm	50x55x55 cm	49x44x50 cm	60x70x60 cm
Voltage (V)	220V				
Weight (kg)	30 Kg	45 Kg	45 Kg	45 Kg	60 Kg



JBP - Muffle furnaces

► "Select-Horn-TFT"



Code	JBP501	JBP502
Capacity	3,6 L	9 L
Dimensions (cm)		
exterior	52x54x56	58x59x65
interior	10x15x24	15x20x30
Power	330 W	330 W
Weight	47 Kg	73 Kg

► Electric muffle furnaces "R-3 L" and "R-8 L"



Code	JBP503	JBP504
Model	N-3	N-8
Capacity	3L	8 L
Dimensions (cm)		
exterior	43x34x47	51x44x56
interior	11.5x12.5x20	13x20x30
Power	1700 W	1800 W
Weight	18 Kg	28 Kg

► Electric muffle furnace "N-30 L" and "N-80 L"



Code	JBP505	JBP510
Model	N-30L	N-80L
Capacity	30 L	80 L
Dimensions (cm)		
exterior	87x64x84	157x94x98
interior	29x20x44	48x40x40
Power	1700 W	1800 W
Weight	18 Kg	28 Kg

► Electric muffle furnaces "N-3 L", "N-8 L", "N-13 L", "N-22 L",



Code	JBP506	JBP507	JBP508	JBP509
Model	N-3 L	N-8 L	N-13L	N-22L
Capacity	3 L	8,2 L	13 L	22 L
Dimensions (cm)				
exterior	43 34 47	50 44 53	55 50 70	61 60 89
interior	11,5 12,5 20	14 20 30	18 22,5 36	15,5 27,5 50
Power	1700 W	1800 W	1800 W	3000W
Voltage	230V	230V	220V	230V
Weight	18 Kg	33 Kg	38 Kg	58 Kg



J

HEATING-COOLING - [JB] ovens

[JD] baths



JBR - Muffle furnaces, accessories

Code	Description	Model				
		642/3	642/6	642/8	642/12	642/16
JBR001	Ramp programmer, 1 program 8 segments	☐	☐	☐	☐	☐
JBR002	Ramp programmer, 4 program 15 segments	☐	☐	☐	☐	☐
JBR003	Chimney extractor	☐	☐	☐	☐	☐
JBR004	Forced chimney extractor	☐	☐	☐	☐	☐
JBR005	Oven floor ceramic tray	☐				
JBR006	Steel refractory tray	☐				
JBR007	Oven floor ceramic tray					
JBR008	Steel refractory tray		☐			
JBR009	Oven floor ceramic tray			☐		
JBR010	Steel refractory tray			☐		
JBR011	Oven floor ceramic tray				☐	
JBR012	Steel refractory tray				☐	
JBR013	Oven floor ceramic tra					☐
JBR014	Steel refractory tray					☐

► Muffle furnaces, accesories

Code	Description
JBR501	External outlet pipe furnace
JBR502	Exterior exhaust tube
JBR503	Exterior exhaust tube w/fan
JBR504	Exter.exhaust tube w/fan+cat

page
[376]



JDB - Water/Oil baths, analogical

► Water bath for education



- 1 | Polycarbonate tank, lacquered metal body and stainless steel heating element.
- 2 | Adjustable temperature, with safety thermostat according to DIN12877, class 2.
- 3 | Stainless steel rack for 20 tubes of 16 mm diameter.
- 4 | Recommended for teaching.

Code	JDB001
Model	RS 3.5
Volumen	3.5 Litros
Temperature range	Ambient - 90°C
Regulation temperature	Analogic
Operating light	Yes
Power	350 W

► Water and oil baths “Univeba”



- 1 | Water bath: adjustable temperature from ambient +5 °C to 110 °C stability ± 2 °C.
- 2 | Oil bath: adjustable temperature from ambient +5 °C to 200 °C stability ± 3 °C.

Code	JDB501	JDB502
Maximum temp	110 °C	200 °C
Capacity	2,5 L	2,5 L
ØxHeight	18x13 cm	18x13 cm
Exterior dimensions	19x22x27 cm	19x22x27 cm
Power	390 W	640 W
Weight	4 Kg	4 Kg



JDB - Water/Oil baths, analogical

Water and oil baths "Termobat"



1 | Adjustable temperature from ambient+5 °C to 110 °C. Stability ± 2 °C to 200 °C. Stability ± 3 °C.

2 | Tank interior made of AISI 304 stainless steel, with an epoxy coated base.

Code	JDB503	JDB504
Maximum temp	110 °C	200 °C
Capacity	11 L	11 L
Ø (usable) xHeight	29x17 cm	29x17 cm
Ø (exterior) xHeight	29x25 cm	29x25 cm
Power	2100 W	2100 W
Weight	5,5 Kg	5,5 Kg



Compatible accessories Termobat - NOT included with the equipment



Perforated shelf

Code JDG512



Reducing discs

Code JDG525

Code	Description
JDG512	Perforated s.s.shelf
JDG525	Reducing discs

Water bath "Aquaterm"



1 | AISI 304 stainless steel tank with epoxy coated base.

2 | Heater element embedded in high temperature, corrosive resistant INCOLOY.

3 | Temperature regulator thermostat switch, synchronised with an indicator lamp.

Code	JDB505
Capacity	1,5 L
Ø (usable) xHeight	20x11,5 cm
Ø (exterior) xHeight	22x20,5 cm
Power	640 W
Weight	1,3 Kg



Compatible accessories Aquaterm - NOT included with the equipment



Perforated shelf

Code JDG514



Reducing discs

Code JDG523

Code	Description
JDG514	Perforated shelf
JDG523	Reducing discs set with cover

Water and oil baths "Precistern"



1 | Double skinned tank of AISI 304 stainless steel with an exterior case of AISI 304 stainless steel.

2 | Heating elements embedded in INCOLOY heat and corrosion resistant stainless steel.

Code	JDB506	JDB507	JDB508	JDB509	JDB510
Max. temp.	110 °C	110 °C	110 °C	110 °C	110 °C
Capacity	2 L	5L	12L	20 L	45 L
Dimensions					
Usable	15x15x13cm	15x30x14cm	15x30x30cm	15x48x30cm	15x62x50cm
Exterior	20x20x27cm	20x37x27cm	20x40x42cm	20x58x42cm	22x69x62cm
Power	390 W	600 W	1110 W	1500 W	2400 W
Weight	3,5 Kg	6 Kg	8 Kg	10 Kg	18 Kg

CODE: JDB509

CODE: JDB510



CODE: JDB506

CODE: JDB507

CODE: JDB508



J

HEATING-COOLING - [JD] baths



JDB - Water/Oil baths, analogical

▶ Water and oil baths "Precistern"



CODE: JDB514

CODE: JDB515



CODE: JDB511

CODE: JDB512

CODE: JDB513

Code	JDB511	JDB512	JDB513	JDB514	JDB515
Max. temp.	200 °C	200 °C	200 °C	200 °C	200 °C
Capacity	2 L	5L	12L	20 L	45 L
Dimensions					
Usable	15x15x13cm	15x30x14cm	15x30x30cm	15x48x30cm	15x62x50cm
Exterior	20x20x27cm	20x37x27cm	20x40x42cm	20x58x42cm	22x69x62cm
Power	640 W	1110 W	1400 W	2100 W	3800 W
Weight	3,5 Kg	6 Kg	8 Kg	10 Kg	18 Kg

▶ Sand baths "Combiplac-Sand"



- 1 | Electronic energy heater controller.
- 2 | The steel hotplate surface has an evenly distributed heater element providing homogeneous heat distribution.

Code	JDB516	JDB517
Dimensions		
Usable	5x18x38 cm	5x30x30 cm
Exterior	18x22x41 cm	21x32x35 cm
Power	2300 W	2800 W
Weight	13 Kg	15 Kg

▶ Bank of oil and water baths "Precisbat"



- 1 | Adjustable temperatures from ambient +5 °C up to 200 °C, stability ± 2 °C.
- 2 | Independent temperature control for each position.
- 3 | Inner vessel made of AISI 304 stainless steel with the external case made of AISI 304 stainless steel.

Code	JDB518	JDB519	JDB520
Max. temp	200 °C	200 °C	200 °C
Num places	2	4	6
Dimensions			
Usable	12x14x12cm	12x14x12cm	12x14x12cm
Exterior	19x35x29cm	19x67x29cm	19x100x29cm
Power	1300 W	2560 W	4200 W
Weight	5,5 Kg	10 Kg	15 Kg

Compatible accessories Precisbat - NOT included with the equipment



Perforated shelf 2L
Code JDG511

Code	Description
JDG511	Perforated s.s.shelf 2L



JDB - Water/Oil baths, analogical

Boiling bath "Baher"



- 1 | Adjustable temperature from 30 °C to 110 °C. stability ± 3 °C.
- 2 | Rapid boiling (6-7 minutes).
- 3 | AISI 304 stainless steel tank and epoxy coated base.
- 4 | Heater element embedded in INCOLOY stainless steel.

Code	JDB521
Capacity	1 L
Ø (usable) xHeight	14x11 cm
Ø (exterior) xHeight	15x19 cm
Power	640 W
Weight	1 Kg



Compatible accessories Baher - NOT included with the equipment



Cover with handle
Code JDG510

Code	Description
JDG510	Cover with handle

JDD - Water/Oil baths, digital



page
[379]

Digital water bath

- 1 | Stainless steel tank in one piece free of welds, coupled to an exterior metal cabinet with epoxy coating.
- 2 | Acoustic signal at the end of the selected time, in continuous mode or in programmed periods. Acoustic signal indicating overheating of the bath ($>5^{\circ}\text{C}$ of the selected temperature)

Code	JDD001	JDD002	JDD003	JDD004
Model	601/3	601/5	601/12	601/19
Capacity	2,5 L	5 L	12 L	19 L
Temperature range	Ambient – 100°C			
Resolution	1 °C			
Timer	1 - 9999 min			
Holes	1	2	4	6
Dimensions (mm)	145x130x100	295x145x100	320x290x100	490x290x100
Weight	2,45 kg	4,10 kg	6,35 kg	8,45 kg



Digital oil bath



- 1 | Stainless steel tank in one piece free of welds, coupled to an exterior metal cabinet with epoxy coating.
- 2 | Acoustic signal at the end of the selected time, in continuous mode or in programmed periods, and acoustic signal indicating the overheating of the bath

Code	JDD005	JDD006
Model	602/3	602/5
Capacity	2,5 L	5 L
Temperature range	Ambient – 200°C	Ambient – 200°C
Resolution	1°C	1°C
Timer	1 - 9999 min	1 - 9999 min
Holes	1	2
Dimensions (mm)	145x130x100 mm	295x145x100 mm
Weight	4 kg	7 kg





JDD - Water/Oil baths, digital

Water and oil baths "Precisdig"



1 | Double skinned tank of AISI 304 stainless steel with an exterior case of AISI 304 stainless steel.

2 | Heating elements embedded in INCOLOY heat and corrosion resistant stainless steel.



Code	JDD505	JDD506	JDD507	JDD508
Max. temp.	200 °C	200 °C	200 °C	200 °C
Capacity	5 L	12L	20L	45 L
Dimensions				
Usable	15x30x14cm	15x30x30cm	15x48x30cm	15x62x50cm
Exterior	20x37x27cm	20x40x42cm	20x58x42cm	20x69x62cm
Power	1100 W	1400 W	2100 W	3800 W
Weight	6 Kg	8 Kg	10 Kg	18 Kg



Code	JDD531	JDD532	JDD533	JDD534
Max. temp.	99,9 °C	99,9 °C	99,9 °C	99,9 °C
Capacity	5 L	12 L	20 L	45 L
Dimensions				
Usable	15x30x14cm	15x30x30cm	15x48x30cm	15x62x50cm
Exterior	20x37x27cm	20x40x42cm	20x58x42cm	20x69x62cm
Power	600 W	1100 W	1500 W	2400 W
Weight	6 Kg	8 Kg	10 Kg	18 Kg

Code	JDD535	JDD536	JDD537
Max. temp.	99,9 °C	99,9 °C	99,9 °C
Capacity	12 L	20 L	45 L
Dimensions			
Usable	15x30x30cm	15x48x30cm	15x62x50cm
Exterior	40x40x42cm	40x58x42cm	40x69x62cm
Power	1100 W	1500 W	2400 W
Weight	8 Kg	10 Kg	18 Kg

Unitronic Reciprocating and Unitronic Reciprocating C Shaking Bath



- 1 | Adjustable temperature range from ambient +5°C up to 80°C. Stability $\pm 0.1^\circ\text{C}$.
- 2 | Set temperature accuracy $\pm 1^\circ\text{C}$, working temperature precision 0.1 °C.

Code	JDD511	JDD512
Refrigeration	No	Yes
Capacity	27 L	27 L
Dimensions		
Bath	18 48 29 cm	18x48x29 cm
Support carriage	17x35x24 cm	17x35x24 cm
Exterior	30x74x40.5 cm	30x74x63.5 cm
Power	1500 W	1750 W
Weight	25 Kg	43 Kg

Compatible accessories Unitronic - NOT included with the equipment



Gable cover
Code JDG504



Platform
Code JDG529

Code	Description
JDG504	Gable cover
JDG529	Platform for Erlenmeyer flasks



JDD - Water/Oil baths, digital

Bath circulators "Digiterm-S-150"



- 1 | Cuvettes set of 20 and 27 l. capacity, with thermostatic equipment included.
- 2 | For temperatures from amb+5 to 150 °C. Stability: $\pm 0,1$ °C. resolution: 0.1 °C.

Code	JDD513	JDD514
Temp range	150 °C	150 °C
Capacity	20 L	27 L
Dimensions		
Interior	15x30x29 cm	20x30x29 cm
Exterior	36x55x35 cm	41x55x35 cm
Pump		
Pressure	150 mbar	150 mbar
Pump rate	12 l/min	12 l/min
Power	2000 W	2000 W
Weight	9,2 Kg	10,8 Kg



Bath circulators "Digiterm-TFT-200"



- 1 | With immersion thermostat digiterm-tft-200.
- 2 | Cuvettes set of 20 and 27 l.
- 3 | From ambient +5 °C to 200 °C. stability ± 0.1 °C. set error ± 2 °C. resolution 0.1 °C.

Code	JDD515	JDD516
Temp range	200 °C	200 °C
Capacity	20 L	27 L
Dimensions		
Interior	15x30x29 cm	20x30x29 cm
Exterior	36x55x35 cm	41x55x35 cm
Pump		
Pressure	150 mbar	150 mbar
Pump rate	12 l/min	12 l/min
Power	2060 W	2060 W
Weight	10 Kg	12 Kg



page
[381]

Compatible accessories Digiterm - Not included with the equipment



Support frame
Code JDL501



Constant level
Code JDL502



Thermostat
Code JDN504



Thermostat
Code JDN505

Code	Description
JDL501	Support-frame thermostat baths
JDL502	Constant level for cuvettes 20 cm
JDN504	Thermostat immers. Digiterm S-150
JDN505	Thermostat immers. digiterm TFT-200

"Unitronic-OR"



- 1 | Digital electronic regulation of temperature, time and speed of stirring
- 2 | For adjustable temperatures from room temperature +5 to 36 °C.
- 3 | Stability $\pm 0,05$ °C. Homogeneity $\pm 0,1$ °C. Set point error ± 1 °C. Resolution 0,1 °C.

Code	JDD517	JDD518
Model	OR-4	OR-12
Capacity	4	12
Dimensions		
Exterior	40x54x44 cm	40x74x44 cm
Power	1500 W	2000 W
Weight	25 Kg	34 Kg





JDD - Water/Oil baths, digital

Viscometer Precision Bath "VB-1423"



- 1 | For controllable temperatures from amb.+5 °C to 100 °C. stability ± 0.1 °C. homogeneity ± 0.1 °C. reading error ± 0.09 °C. resolution 0.1 °C.
- 2 | Temperature sensor PT100 thermo-resistor, stainless steel aisi 304 lid with three viscometer locations ports, three independent lids and an additional location port for the control thermometer.

Code	JDD522
Control range	amb.+5°C up to 100 °C
Capacity	20 L
Height / Ø	
Total	32x30 cm
Tank	47x30 cm
Power	1500 W
Weight	25 Kg

JDG - Water/Oil baths, accessories

Code	Description	Model		
		AGIBAT-20	PRECISTERM	PRECISDIG
JDG501	Gable cover s.steel 5 L		☐	☐
JDG502	Gable cover s.steel 12 L		☐	☐
JDG503	Gable cover s.steel 20 L	☐	☐	☐
JDG505	Gable cover s.steel 45 L		☐	☐
JDG506	Stainless steel cover 1 hole		☐	
JDG507	Stainless steel cover 2 holes		☐	☐
JDG508	Stainless steel cover 4 holes		☐	☐
JDG509	Stainless steel cover 6 holes		☐	☐
JDG516	Support-frame bath 5 litres		☐	☐
JDG517	Support-frame bath 12 litres		☐	☐
JDG518	Support-frame bath 20 litres		☐	☐
JDG519	Support-frame bath 45 litres		☐	☐
JDG520	Rack for 36 tubes 13 mm	☐	☐	☐
JDG521	Rack for 24 tubes 16 mm	☐	☐	☐
JDG522	Rack for 24 tubes 20 mm	☐	☐	☐
JDG524	Stainless steel cover 12 holes	☐	☐	☐
JDG531	Fixed level	☐	☐	☐
JDG532	Thermometer support	☐	☐	☐
JDG533	Constant level for bath 15 cm	☐	☐	☐

Code	Description	For models
JDG504	Gable cover	Unitronic reciprocating
JDG510	Cover with handle	Baher
JDG511	Perforated shelf	Precisbat
JDG512	Perforated shelf	Termobat
JDG514	Perforated shelf	Aquaterm
JDG523	Reducing discs set with cover	Aquaterm
JDG525	Reducing discs	Termobat
JDG529	Platform for erlenmeyer flasks	Unitronic reciprocating
JDG534	Constant level for bath 20 cm	Immersion thermostats



JDG - Water/Oil baths, accessories

Circulation pump "Ciragit"



1 | The unit can be adjusted to fit most tanks or baths, can be submerged and held in position by an adjustable height support clamp.

Code	JDG527
OUTPUT water	20 °C , 12 l/ min.- 150 mbar
OUTPUT silicon oil	50 °C 4 l/min.- 130 mbar
Dimensions	9,5 x 12,5 x 23 cm
Power	30 W
Weight	2.5 Kg.



Refrigerated cooling coils for baths "Frigedor" and "Frigedor-Reg"



1 | The unit is bench mountable and contains within the epoxy coated case a CFC free hermetically sealed compressor with condenser and evaporator, the cooling coil is made of AISI 304 stainless steel.

Code	JDG528	JDG530
Temp range	Fix -20 °C	-20°C to +20 °C
Stability	-	±1.5 °C
Dimensions		
Exterior	41x21x34 cm	41x21x34 cm
Cooling potential	to -20 °C = 50 W	to -20 °C = 50 W
Power	285 W	285 W
Weight	14 Kg	14 Kg



page
[383]

JDL - Circulation, accessories

Code	Description	Model
JDL501	Support-frame thermostat baths	Digit-cool
JDL502	Constant level for cuvettes 20 cm	Digitem S-150 and TFT-200

JDN - Immersion thermostats

Code	Description	Model
JDN503	Cooling immer.unit	Digit-cool
JDN504	Thermostat immers	Digitem S-150
JDN505	Thermostat immers	Digitem TFT-200

Recirculation thermostat "Ultraterm-TFT-200"



1 | Maximum working volume to maintain maximum temperature: 8 litres.
AISI 304 stainless steel top and lid with an inner tank of AISI 304 stainless steel.
2 | Complete with a pump for internal and external liquid circulation with inlet and outlet connectors.

Code	JDN506
Temp range	Fix -20 °C
Stability	-
Dimensions	
Exterior	41x21x34 cm
Cooling potential	to -20 °C = 50 W
Power	285 W
Weight	14 Kg





JDN - Immersion thermostats

► Frigiterm-TFT-10" and "Frigiterm-TFT-30"



- 1 | Maximum working volume to maintain maximum temperature: 8 litres.
- 2 | AISI 304 stainless steel top and lid with an inner tank of AISI 304 stainless steel.
- 3 | Complete with a pump for internal and external liquid circulation with inlet and outlet connectors.

Code	JDN507	JDN508
Model	Frigiterm 10	Frigiterm 30
Capacity	8 L	8 L
Control range	-10°C + 100 °C	-30 °C + 100 °C
Dimensions		
Usable	12x20x14 cm	12x20x14 cm
Exterior	36x66x44 cm	36x66x44 cm
Pump		
Pressure	150 mbar	150 mbar
Flowrate	12 l/min	12 l/min
Power	1150 W	1460 W
Compressor power	1/8 HP	3/8 HP
Weight	28 Kg	30 Kg

► "Termotronic-100"



- 1 | Maximum working volume to maintain maximum temperature: 20 litres.
- 2 | A clamp and finger screw attach the unit to the tank, alternatively the extendible support bridge accessory can be used. Minimum fixing depth to the tank: 14 cm.

Code	JDN509
Temp range	Amb +5 to 100 °C
Stability	±0,1 °C
Dimensions	28x18x19 cm
Pump	150 mbar-12 l/min.
Power	2000 W
Weight	3,9 Kg



JDQ - Immersion thermostats, accessories

► Methacrylate bath



- 1 | Maximum working volume to maintain maximum temperature: 20 litres.
- 2 | A clamp and finger screw attach the unit to the tank, alternatively the extendible support bridge accessory can be used. Minimum fixing depth to the tank: 14 cm.

Code	Capacity	Dimensions	Thickness
JDQ501	8 L	15x18x31cm	6 mm
JDQ502	13 L	15x23x40cm	8 mm
JDQ503	30 L	20x30x50cm	8 mm
JDQ505	9,5 L	14,5x16,5x39	6 mm

► Methacrylate bath



- 1 | Designed for the "Termotronic" immersion thermostat

Code	Capacity	Temp max	Dimensions	Rack cap	Weight
JDQ504	8 L	60 °C	10x20x38cm	4	2 Kg



JDQ - Immersion thermostats, accessories

Stainless steel baths.



1 | Double skinned with an AISI 304 stainless steel exterior and internal bath of AISI 304 stainless steel.

Code	Capacity	Dim. usable	Dim exterior	Weight
JDQ506	9 L	15x29x22cm	20x34x28cm	3,5 Kg
JDQ507	12 L	15x30x31cm	20x37x35cm	4,3 Kg
JDQ508	20 L	15x48x30cm	20x55x35cm	6,6 Kg
JDQ509	27 L	20x48x30cm	25x55x35cm	7,6 Kg
JDQ513	45 L	15x62x50cm	23x70x56cm	11 Kg



Stainless steel baths.



1 | Thermally insulated. Ideal for low temperatures. Suitable for J.P. Selecta refrigerated units.

2 | Similar to our other bath but with additional internal expanded foam insulation that prevents external condensation or heat loss, working temperature range from -40°C to +90°C.

Code	Capacity	Dim. usable	Dim exterior	Weight
JDQ510	9 L	15x29x22cm	24x40x34cm	6 Kg
JDQ511	12 L	15x48x30cm	24x61x41cm	9 Kg
JDQ512	20 L	20x48x30cm	29x61x41cm	11 Kg



JDS - Thermoblocks

Mini 'T'



1 | Designed in compact size. Simultaneous view of actual and programmed time and temperature on the LCD screen.

3 | Various aluminum blocks (not included) available to cover a wide range of tubes (from 0.2 mL to 50 mL) and other types of containers. See table below and JVD section

Code	JDS001
Temperature range	Ambient at 80°C
Temp. accuracy control	0,5°C
Screen resolution	0,1°C
Heating time (20° to T° max.)	<12 min
Timer	0-999 seg o 0-999 min
Approx. dimensions	110 x 150 x 80 mm
Weight	0,5 Kg



Accesorios - bloques metálicos baño mini 'T' - NOT included with the equipment



Bloc
Code JDV001



Bloc
Code JDV002



Bloc
Code JDV003_4



Bloc
Code JDV005



Bloc
Code JDV006



Bloc
Code JDV007

Code	Capacity
JDV001	40 tubes of 0,2 mL
JDV002	24 tubes of 0,5 mL
JDV003	15 tubes of 1,5 mL

Code	Capacity
JDV004	15 tubes of 2 mL
JDV005	8 cells of 12,5x12,5 mm
JDV006	4 tubes of 15 mL
JDV007	2 tubes of 50 mL



JDS - Thermoblocks

Model 603/3



- 1 | Simultaneous view of actual and programmed time and temperature on the LED display.
- 2 | Various blocks (not included) available to cover a wide range of tubes (from 0.2 mL to 1.5 mL). See table below and JVD section

Code	JDS002
Temperature range	Ambient at 100°C
Temp. accuracy control	±0,5°C
Screen resolution	0,1°C
Heating time (20° to T° max.)	<25 min
Timer	1 min – 99h 59min
Approx. dimensions	225 x 160 x 197 mm
Weight	3 Kg

Accessories - metal bath blocks model 603/3 - NOT included with the equipment



Bloc
Code JDV012



Bloc
Code JDV013



Bloc
Code JDV014



Bloc
Code JDV015



Bloc
Code JDV016

Code	Capacity
JDV012	96 tubes of 0,2 mL
JDV013	29 tubes of 0,5 mL, 32 tubes of 1,5 mL
JDV014	61 tubes of 0,5 mL
JDV015	41 tubes of 1,5 mL
JDV016	28 tubes of 12 mm Ø

Model 603/10 and 603/20



- 1 | Simultaneous view of actual and programmed time and temperature on the LCD screen.
- 2 | Several blocks (not included) available to cover a wide range of tubes (from 0.2 mL to 2 mL). See table below and JVD section

Code	JDS003	JDS004
Temperature range	Ambient - 100°C	-10°C - 100°C
Temp accuracy	± 0,5 °C	± 0,5 °C
Screen resolution	0,1 °C	0,1 °C
Heating time (from 20°C to 100°C)	<12 min	<20 min
Cooling time (from 20°C to -10°C)	-	<30 min
Timer	1 min – 99h 59min	
Approx. dimensions	300 x 210 x 180 mm	
Weight	2,5 Kg	4,6 Kg

Accessories - metal bath blocks model 603/10 and 603/20 - NOT included with the equipment



Bloc
Code JDV008 a JDV011

Code	Capacity
JDV008	96 microtubes of 0,2 mL
JDV009	54 microtubes of 0,5 mL
JDV010	35 microtubes of 1,5 mL
JDV011	35 microtubes of 2 mL



JDS - Thermoblocks

Thermoshaker, model 603/100



- 1| Simultaneous display of time, temperature and actual and programmed speed on the LCD screen.
- 2| You can heat and shake simultaneously or operate independently
- 3| Several blocks (not included) available to cover a wide range of tubes (from 0.2 mL to 2 mL).

Code	JDS005
Temperature range	Ambient - 100°C
Temp. accuracy control	±0,5°C
Screen resolution	0,1°C
Heating time (from 20°C to 100°C)	<20 min
Stirring speed	200-1500 rpm
Shaking Orbit	2 mm
Timer	1 min – 99h 59min
Approx. dimensions	354 x 240 x 170 mm
Weight	8,5 Kg



Accessories - metal bath blocks model 603/100 - NOT included with the equipment



Bloc
Code JDV008 a JDV011

Code	Capacity
JDV008	96 microtubes of 0,2 mL
JDV009	54 microtubes of 0,5 mL
JDV010	35 microtubes of 1,5 mL
JDV011	35 microtubes of 2 mL

Metallic thermostat dry block "BIO-BATH"



- 1| Small size with a fixed temperature of 37 °C with check thermometer, 8 tube positions for 75x13 VAC tubes.

Code	JDS501
Dimensions	8.8x9.6x7 cm
Stability	0,5°C
Power	8 W
Weight	0,5 Kg



Metallic thermostat dry block "Clinic-Bloc"



- 1| Fixed temperature of 37 °C with check thermometer.

Code	JDS502	JDS503
Model	Clinic bloc	Clinic bloc 1537
Dimensions	11x18x28 cm	11x18x28 cm
Stability	±0.5	±0.5
Power	10 W	10 W
Weight	2,4 Kg	2,4 Kg



CODE: JDS502

CODE: JDS503



JDS - Thermoblocks

► Dry block heater for tubes "Tembloc"



1 | Supplied complete with thermometer 0-200 °C and extraction tool for blocks.

Code	JDS504
Temperature	30 - 200 °C
Homogeneity	±0.75 °C
Stability	±1.5%
Set error	±2 %
Resolution	1°C
Dimensions	11x19x29 cm
Power	350 W
Weight	3,7 Kg

► Dry Block heater for tubes "Multiplaces"



1 | Supplied complete with thermometer 0-200 °C and extraction tool for blocks.

Code	JDS505
Temperature	30 - 200 °C
Homogeneity	±0.75 °C
Stability	±1.5%
Set error	±2 %
Resolution	1°C
Dimensions	11x31x31 cm
Power	700 W
Weight	7,4 Kg

Accessories - Multiplaces - NOT included with the equipment



Bloc

Code JDV508 to JDV514

Code	Capacity
JDV508	Metal block 6 tubes 25 mm
JDV509	Block for 15 cuvettes 10x10
JDV510	Block for 96 microplates
JDV511	Metal block 20 Eppendorf tubes
JDV512	Metal block 20 tubes 12 mm
JDV513	Metal block 12 tubes 16 mm
JDV514	Metal block 8 tubes 20 mm

► Metallic dry block thermo shaker "TR100-G"



- 1 | With electronic control and digital display of temperature, shaking speed and time.
- 2 | For adjustable temperature from ambient +5 °C. up to 100 °C.

Code	JDS506
Temperature	Ambient +5 to 100
Stability	±0,5 °C
Block homogeneity	±0,5 °C
Dimensions	18x21x30 cm
Power	88 W
Weight	9,5 Kg

Accessories - TR100-G - NOT included with the equipment



Bloc

Code JDV501 to JDV507

Code	Capacity
JDV501	Block 12 tubes 15ml
JDV502	Block 6 tubes 50ml
JDV503	Block 96 microtubes 0,2ml
JDV504	Block 54 microtubes 0,5ml
JDV505	Block 15x0,5ml + 20x1,5ml
JDV506	Block 35 x 1,5ml
JDV507	Block 35 microtubes 2ml



JDS - Thermoblocks

Thermo shaker "TRM-4" for Microtiter plates



1 | With electronic control and digital display of temperature, shaking speed and time. For temperatures from ambient +5 °C. to 60 °C. stability $\pm 0,5$ °C.

Code	JDS508
Temperature	ambient +5 to 60
Block homogeneity	$\pm 0,5$ °C
Stability	$\pm 0,5$ °C
Platform dimensions	21,5x30 cm
Dimensions	18x40x39 cm
Power	132 W
Weight	9,5 Kg



JGB - Mantles with stirring

Heating mantle, series 656



- 1 | Outdoor furniture made of painted steel and interior thermal insulation by mineral fiber wool, they have chromonickel heating elements.
- 2 | Maximum stirring speed: 1400 rpm. Maximum temperature: 380°C.
- 3 | Supplied with stirring rod, support and magnet.

Code	Capacity	Ø intern	Depth
JGB001	100 mL	70 mm	45 mm
JGB002	250 mL	90 mm	55 mm
JGB003	500 mL	105 mm	60 mm
JGB004	1000 mL	140 mm	85 mm



Digital heating mantle, series 658



- 1 | Outdoor furniture made of painted steel and interior thermal insulation by mineral fiber wool, they have chromonickel heating elements.
- 2 | Analogical regulation of the speed by means of potentiometer and digital regulation of the temperature with LED display.
- 3 | Maximum stirring speed: 1400 rpm. Maximum temperature: 370°C.
- 4 | Supplied with stirring rod, support and magnet and Pt100 temperature probe.

Code	Capacity	Ø intern	Depth
JGB005	250 mL	90 mm	55 mm
JGB006	500 mL	105 mm	60 mm
JGB007	1000 mL	140 mm	85 mm
JGB008	2000 mL	180 mm	105 mm



Analogical, series 655



- 1 | Outdoor furniture made of painted steel and interior thermal insulation by mineral fiber wool, they have chromonickel heating elements.
- 2 | It has a device for holding rods. Maximum temperature: 370°C.

Code	Capacity	Ø intern	Depth
JGD001	50 mL	55 mm	40 mm
JGD002	100 mL	70 mm	45 mm
JGD003	250 mL	90 mm	55 mm
JGD004	500 mL	105 mm	60 mm
JGD005	1000 mL	140 mm	85 mm
JGD006	2000 mL	180 mm	105 mm
JGD007	3000 mL	210 mm	115 mm
JGD008	5000 mL	240 mm	140 mm





JGD - Mantles without stirring

► “Fibroman-C”



- 1| DUR ALLOY aluminium exterior case with epoxy coating.
- 2| Suspended mineral wool woven heating mantle.
- 3| Heating element homogeneously distributed throughout the woven mantle.
- 4| Thermally insulated case, mineral wool fibre insulation.

Code	Flask capacity	Flask Ø approx.	Ø / Height	Power	Weight
JGD501	100 mL	65 mm	16x11 cm	130 W	1 Kg
JGD502	250 mL	83 mm	18x11 cm	130 W	1,1 Kg
JGD503	500 mL	102 mm	20x12 cm	270 W	1,2 Kg
JGD506	1000 mL	132 mm	22x13,5 cm	410 W	1,4 Kg
JGD507	2000 mL	170 mm	26x14 cm	530 W	2 Kg
JGD508	3000 mL	190 mm	29x18 cm	620 W	2,2 Kg
JGD509	5000 mL	222 mm	33x19 cm	840 W	3,2 Kg
JGD520	10000 mL	290 mm	38x22 cm	2250 W	4,7 Kg
JGD521	20000 mL	365 mm	48x26 cm	2300 W	11 Kg

► “Fibroman-D”



- 1| Soft mantle made with a double woven mineral wool.
- 2| A mains switch and safety earth are also fitted.
- 3| The mantle can be supported by a retort ring or tripod stand.

Part No.	Flask capacity	Ø / Height	Power	Weight
JGD504	250 mL	15x6.5 cm	130 W	0.8 Kg
JGD505	500 mL	17x7 cm	270 W	0.9 Kg
JGD515	1000 mL	20x8.5 cm	410 W	1 Kg
JGD516	2000 mL	24x11 cm	530 W	1.5 Kg

► “Fibroman HT-W”



- 1| For adjustable temperatures from ambient +5 °C to 400 °C.
- 2| Stability ±0,5 to 1 °C according to temperature.

Code	Cap. mL	Ø Flask cm	Dimensions cm	Sensor Ø Leng mm	Stability °C	Power W	Weight Kg
JGD510	100	65 to 67	13x22x26	4x170	±0.5 to 1	130	1,5
JGD511	250	83 to 87	13x26x29	4x170	±0.5 to 1	216	3
JGD512	500	102 to 105	13x26x29	4x170	±0.5 to 1	220	3,5
JGD513	1000	132 to 139	14x30x33	4x170	±0.5 to 1	500	4
JGD514	2000	164 to 170	16x31x34	4x200	±0.5 to 1	760	5

► “Fibroman-O”



- 1| Suitable for round bottom flasks, decanting funnels and reaction flasks with a bottom drain.

Code	Flask cap.	Ø /Height	Ø hole	Tripod	Power	Weight
JGD517	1000 mL	24x10.5 cm	8 cm	34 cm	410 W	1.5 Kg
JGD518	2000 mL	28.5x12 cm	8 cm	36 cm	530 W	2.5 Kg
JGD519	5000 mL	37.5x17.5 cm	9 cm	38 cm	840 W	3.5 Kg
JGD522	10000 mL	43.5x20 cm	9 cm	43 cm	1400 W	5 Kg
JGD523	20000 mL	48x25 cm	12 cm	36 cm	2300 W	13 Kg

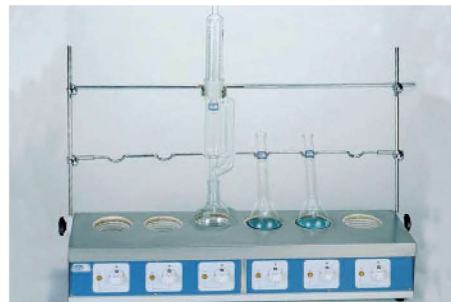


JGD - Mantles without stirring

Banks of heating mantles for digestion,



- 1 | Independent heating control for each position.
- 2 | 2 height and angle adjustable bars to support condensers or other glassware for digestion or extraction.



Code	For flask	Flask vol	Places	Dimensions	Power	Weight
JGD524	Kjeldahl / Soxhlet	300-500 mL	4	18x76x25 cm	1500 W	12Kg
JGD525	Kjeldahl / Soxhlet	300-500 mL	6	18x105x25 cm	2200 W	16Kg
JGD526	Micro-Kjeldahl	100 mL	4	16x59x21 cm	510 W	9Kg
JGD527	Micro-Kjeldahl	100 mL	6	16x81x21 cm	900 W	12Kg

JGG - Mantles, accessories

Accessories for Fibroman-D



Retort	Tripod Ring	For mantle
JGG505	JGG501	JGD504
JGG506	JGG502	JGD505
JGG507	JGG503	JGD515
JGG508	JGG504	JGD516



page
[391]

JGJ - Hot plates

Round Hotplates



- 1 | Cast steel plate with embedded heating elements throughout the plate surface.
- 2 | Fast heating rate at maximum power setting.
- 3 | Enamelled outer casing that is resistant to high temperatures and corrosive agents.



Code	JGJ501	JGJ502	JGJ503	JGJ516*
Plate Ø	12 cm	15 cm	19 cm	15 cm
Dimensions	8x20x20 cm	8x22x22 cm	8x26x26 cm	8x22x22 cm
Power	800 W	1600 W	2100 W	1600 W
Weight	2,1 Kg	3 Kg	4,5 Kg	3 Kg

* UK plug

Hotplate double circular "Duplac"



- 1 | Hot plate with non warping cast steel plate with embedded heating elements throughout the hot plate surface.
- 2 | Independent plate temperature control is maintained by pulsed energy controllers.

Code	JGJ505
Plate Ø	19 cm
Dimensions	15x47x24 cm
Power	1750 W
Weight	8,5 Kg





JGJ - Hot plates

► Hotplate-Rectangular "Combiplac"



- 1 | Electronic energy temperature control.
- 2 | The non warping steel hotplate has heating elements embedded throughout the hotplate surface maintaining the heat distribution.

Code	JGJ506	JGJ507
Plate	20x40 cm	30x30 cm
Dimensions	12x22x55 cm	13x33x46 cm
Power	2300 W	2800 W
Weight	9 Kg	13 Kg

► Hotplate-Circular "Combiplac"



- 1 | Electronic energy controller and embedded heating element throughout the non warping steel hotplate surface.
- 2 | A retort bar can be located in a hole at the back of the unit.

Code	JGJ508	JGJ509
Plate Ø	12 cm	30x30 cm
Dimensions	10x16x27 cm	13x21x30 cm
Power	550 W	950 W
Weight	2 Kg	3 Kg

► Rectangular precision hotplate "Plactronic"



- 1 | Electronic energy controller and embedded heating element throughout the non warping steel hotplate surface.
- 2 | A retort bar can be located in a hole at the back of the unit.

Code	JGJ510	JGJ511	JGJ512
Plate	24x24 cm	20x40 cm	25x60 cm
Dimensions	13x25x42 cm	13x22x57 cm	13x27x77
Power	700 W	800 W	1000 W
Weight	7.5 Kg	8 Kg	16.5

► Rectangular hotplate "Placfin"



- 1 | Temperature control by a hydraulic thermostat.
- 2 | Protected thermometer from 0 °C to 130 °C.
- 3 | Hotplate surface protected by chemically treated aluminium, with heating elements distributed throughout the hotplate's surface.

Code	JGJ513
Plate	23x22 cm
Dimensions	11x22x30 cm
Power	1500 W
Weight	3,7 Kg



JGJ - Hot plates

Bank of circular hotplates "Uniplac"



- 1| Independent hotplate control using pulsed energy regulators.
- 2| Cast steel hotplates with embedded heating elements distributed throughout the hotplate's surface.
- 3| Adjustable height and angle stand bars for supporting condensers and other glassware etc.

Code	JGJ514	JGJ515
No Places	4	6
Plate Ø	12 cm	12 cm
Dimensions	23 77 27 cm	23 105 27 cm
Power	2200 W	3300 W
Weight	15 Kg	22 Kg



JGL - Hotplates, accessories

Code	Description	Model			
		UNIPLAC	RECT COMBIPLAC	CIR COMBIPLAC	PLACFIN
JGL501	Adapter for flasks 500-800 ml	☐		☐	
JGL502	Adapter for flasks 50-250 ml	☐		☐	
JGL503	Fume (2) tube support	☐			
JGL505	Sand bath attachment 40x20 cms		☐	☐	
JGL506	Sand bath attachment 30x30 cms		☐	☐	
JGL507	Rod support 4 units	☐			
JGL508	Rod support 6 units	☐			
JGL509	Adapter for slides				☐
JGL510	Container s.steel 140 mm.	☐		☐	

page
[393]

JJB - Refrigerated cabinets

Refrigerated medical cabinet "Pharmalow"



- 1| Independent hotplate control using pulsed energy regulators.
- 2| Cast steel hotplates with embedded heating elements distributed throughout the hotplate's surface.

Code	JJB504	JJB505
Models	S	L
Capacity	236 L	352 L
Dimensions		
Interior	106x47x44 cm	145x47x44 cm
Exterior	125x60x61 cm	164x60x61 cm
Nº Shelves	4	4
Power	170 W	180 W
Weight	47 Kg	56 Kg



Accessories - Pharmalow - NOT included with the equipment



Bloc
Code JJD501



Bloc
Code JJD502



Bloc
Code JJD503

Code	Description
JJD501	Frame support for pharmalow s
JJD502	Frame support for pharmalow l
JJD503	Drawer with 3 compartments



JJB - Refrigerated cabinets

► "Pharmalow" M



1 | Digital electronic temperature control from +2 to +8



Code	JJB511
Models	M
Capacity	330 L
Dimensions	
Interior	145x54x47 cm
Exterior	184,5x62x60 cm
N° Shelves	6
Power	575 W
HP Power	1/4 HP
Weight	113 Kg

Accessories - Pharmalow M - NOT included with the equipment



Bloc
Code JJD504



Bloc
Code JJD505



Bloc
Code JJD507

Code	Description
JJD504	Shelf guides(4)hotcold c-uc-gl
JJD505	Shelf hotcold c-uc-gl
JJD507	Graphic register pharmalow

► "Blood Bank"

1 | Forced air circulation. Fixed temperature +4 °C. Stability ± 1.5 °C. Resolution 1 °C.

CODE: JJB513

CODE: JJB514

Code	JJB513	JJB514
Models	C	D
Capacity	560 L	1240 L
Bag capacity	200	480
Dimensions		
Interior	153x54x66 cm	153x124x68 cm
Exterior	153x54x66 cm	213x139x79 cm
HP power	3/8 HP	5/8 HP
Power	497 W	1034 W
Shelves	4	4
Weight	165 Kg	212 Kg



JJB - Refrigerated cabinets

► “Blood Bank”



- 1| Exclusive design adapted to accomodate platelet bags stirrers “APL”.
- 2| Forced air circulation.
- 3| Fixed temperature at +20 °C. stability $\pm 1,5$ °C. resolution 1 °C.

Code	JJB515
Models	E
Capacity	560 L
Stirrers capacity	2 x APL-54
Dimensions	
Interior	153x54x66 cm
Exterior	213x80x79 cm
HP power	3/8 HP
Power	497 W
Shelves	4
Weight	165 Kg



► Shaking monitor for blood collection “HEDO2”



- 1| HEDO2 is a digital blood collection monitor, created to control and monitoring blood collection processes.
- 2| It has been designed to perform simple, precise and accurate operations.

Code	JJB519
Max capacity	999 g
Precision	± 3 g
Resolution	1 g
Dimensions	19x32x32 cm
Power	60 W
Weight	5 Kg



page
[395]

► Chest Freezers “Combatep”



- 1| Epoxy covered external case.
- 2| Interior of aluminium, with guide supports for baskets or trays..

Code	JJG501	JJG502	JJG503	JJG504
Models	S-30	L-30	S-40	L-40
Capacity	206 L	343 L	215 L	352 L
Freezing cap.	28 Kg	38 Kg	30 Kg	40 Kg
Temperature	-28 °C	-28 °C	-40 °C	-40 °C
Dimensions				
Interior	74x63x53cm	74x100x53cm	63x89x41cm	65x117x50cm
Exterior	92x75x71cm	92x113x71cm	92x113x76cm	92x137x81cm
Power	160 W	200 W	230W	400W
Weight	38 Kg	56 Kg	57 Kg	72 Kg





JJG - Freezers

► "Templow"



CODE: JJG505

CODE: JJG507

- 1 | External case covered in epoxy.
- 2 | Stainless steel internal easy for cleaning, with also stainless steel wire basket.

Code	JJG505	JJG506	JJG507
Model	S	M	L
Capacity	257 L	513 L	600 L
Range	28 Kg	38 Kg	30 Kg
Dimensions	-15 to -32°C	-14 to -25°C	-10 to -35°C
Interior	151x44x42cm	151x61x56cm	155x51x65cm
Exterior	184x60x63cm	186x75x75cm	215x70x83cm
Power	110 W	345 W	600W
Weight	81 Kg	109 Kg	130 Kg

► Arcones Congeladores -85 °C



CODE: JJG508



CODE: JJG509

- 1 | Low power cabinets and sound level below 50 dB.

Code	JJG508	JJG509
Models	LAB-11	LAB-51
Capacity	130 L	416 L
Height*/**	920* / 1620** mm	920* / 1620** mm
Width	720 mm	1700 mm
Depth***	730 mm	730 mm
Thickness	100 mm	100 mm
Power	480 W	810 W
Weight	53 Kg	95 Kg

Height* = including the 50 mm wheels / Height** = with the door open

Depth*** = including handle and hinges



JZB - Heating elements

► Flexible heating cord



- 1 | For tape surface temperatures up to 180 °C. Thermally insulated using flexible silicon tube.

Code	Length	Ø Cord	Power
JZB501	1,5 m	3 mm	45 W
JZB502	3 m	3 mm	90 W
JZB503	6 m	3 mm	180 W
JZB504	12 m	3 mm	360 W

► Heating tapes



- 1 | Heating elements distributed homogeneously between flexible moulded sheets of silicon.

Code	Length	Width	Power
JZB505	0,80 m	25 mm	180 W
JZB506	1 m	25 mm	210 W
JZB507	1,5 m	25 mm	265 W



JZB - Heating elements

Large surface area heating mats



1 | Heating elements distributed homogeneously between flexible moulded sheets of silicon.

Code	JZB508
Heating	0.39 W cm ² .
Mat temp	210 °C
Suitable for	Heating drums up to 200 litres Ø 60 cm
Total	3 bands of 171 cm in length x 15 cm wide
Power	3000 W



Container Stainless steel



1 | AISI 304, adaptable to "Selectemp" plate 200 Ø and 115 mm high, with reduction discs

Code	Description
JZB509	Useful for water, oil or sand baths.



Water recirculators "Interheater"



1 | Water circulation unit, designed to feed closed water loop circuits for condensers, distillation columns, reactor jackets, viscometers, electrophoresis baths etc. designed specifically for:

- Constant temperature.
- Constant pump rate of refrigerated fluid.
- Closed loop circuit, avoids the build up of scale in cooling coils, and cooling circuits.

Code	JZB510
Dimensions	70x43x56 cm
Reg. Range	Amb + 5 to 90 °C
Power	4100 W
Weight	22 Kg



JZD - Ice machines

Freezing container



1 | For sample freezing with liquefy gas (liquid nitrogen), liquids and solutions. Spherical inside. Exterior made of AISI 304 stainless steel. Double body with thermal isolated PTFE joint. Hit-resistant

Code	JZD504
External measures	14 high x 24cm wide
Capacity	1.5 L
Weight	2,9 Kg





JZD - Ice machines

► Cooling bath "Refricub"



- 1 | Suitable for maintaining paraffin wax and waxes in a solid form for long periods of time, etc.
- 2 | Temperature homogeneity: ± 2 °C. Precision of temperature controller: 1 °C.
- 3 | External case made of epoxy covered metal with AISI 304 stainless steel tank and top. An anti vibration hermetically sealed CFC free compressor is mounted in the base of the unit, supplied with ventilated evaporator, regulating valve and condenser.

Code	JZD505
Capacity	18 L
Dimensions	
Tank	20x30x31 cm
Exterior	80x46x44 cm
Power	350W
HP Power	3/8 HP
Weight	22 Kg

► Flake ice maker "COM-50"



- 1 | For preservation and storage of analytic samples, biological tissues, cellular cultures and other applications that require maintenance of the temperature below ambient.

Code	JZD506
Production	58 Kg
Capacity	20 Kg
Dimensions	79x47x60 cm
Power	470W
Weight	58 Kg

**QUANTANALITICA**

Via Guido Rossa 14
23875 Osnago (LC) - Italy
Tel. +39 039 9280061
Fax. +39 039 9289636
info@quantanalitica.com
www.quantanalitica.com