



2017

OVENS &  
INCUBATORS

[www.falcinstruments.it](http://www.falcinstruments.it)





## OVENS & INCUBATORS

- 4 ■ **MINI OVENS**
- 4 | Mini oven for sterilization
  
- 5 ■ **OVENS**
- 5 | Natural and forced ventilation ovens
- 6 | Basic Ovens
- 7 | Forced ventilation oven for large volumes
- 8 | Natural and forced convection ovens with ramps
  
- 9 ■ **INCUBATORS**
- 9 | Mini portable incubator
- 10 | Mini incubators
- 11 | Incubators for precise thermostat applications
- 12 | Incubators with ramps for precise thermostat applications
  
- 13 ■ **REFRIGERATED INCUBATORS**
- 13 | Incubators for applications below room temperature
- 14 | Incubators with ramps for precise thermostat applications
- 15 | Refrigerated incubator 0°C ÷ 100°C
- 16 | High precision incubator with data recording
- 17 | Refrigerated incubator with shaking function
  
- 18 ■ **REFRIGERATED**
- 18 | Refrigerated thermostats for BOD applications
  
- 19 ■ **ACCESSORIES**



# MINI OVENS

## Mini oven for sterilization



STZ analog



Inner chamber made of aluminium for a better heat diffusion



Bimetallic temperature controller with fluid expansion probe.  
Timer from 0 to 120 minute + infinite

Technical data		STZ 5,4	STZ 18	STZ 28
Capacity	l	5,4	18	28
Room Temp. + 5	°C	+150	+150	+150
Precision	70°C	±3	±3	±3
Heating power	W	360	600	600
Included Shelves	n°	2	2	2
Max no. of shelves	n°	4	5	5
Internal dimensions LxWxH	mm	190x150x190	300x300x200	400x250x300
External dimensions LxWxH	mm	380x240x300	500x390x320	620x360x440
Weight	kg	10	15	26,5
<b>Code</b>		<b>720.2070.04</b>	<b>720.2070.06</b>	<b>720.2070.08</b>

V/HZ 220/240-50/60

SAFETY CLASS 0

PROTECTION CLASS IP 40



STZ - D digital



Inner chamber made of aluminium for better heat diffusion



Bimetallic temperature controller with fluid expansion probe  
Timer 0-120 minute + infinite

Technical data		STZ - D 5,4	STZ - D 18	STZ - D 28
Capacity	l	5,4	18	28
Temperature + 5	°C	200	200	200
Precision	°C	±2	±2	±2
Heating power	W	360	600	600
Included Shelves	No.	2	2	2
Max no. of shelves	No.	4	5	5
Internal dimensions LxWxH	mm	190x150x190	300x300x200	400x250x300
External dimensions LxWxH	mm	380x240x300	500x390x320	620x360x440
Weight	kg	10	15	26,5
<b>Code</b>		<b>720.2080.01</b>	<b>720.2080.02</b>	<b>720.2080.03</b>

V/HZ 220/240-50/60

SAFETY CLASS 3,1

PROTECTION CLASS IP 40

# OVENS

## Natural and forced ventilation ovens



External structure in stainless steel sheet coated with antiacid epoxy powder. Inner chamber in 18/8 stainless steel



Temperature control with PID microprocessor  
Timer from 0 to 12 hours + infinite



Ø45 mm hole on the back side for exhaust fumes discharge with open/close adjustment device for cables, probes, etc.  
Adjustable-speed ventilation (STF-F series)  
Ø10 mm hole on the top side to insert a thermometer or a probe



STF - N  
STF - F

### Natural ventilation

Technical data		STF - N 52	STF - N 80	STF - N 120	STF - N 240	STF - N 400
Capacity	l	52	80	120	240	400
Room temperature + 5	°C	+300	+300	+300	+300	+300
Precision	70°C	±1,5	±1,5	±2,0	±2,5	±3,0
	150°C	±2,5	±2,5	±3,0	±3,5	±3,5
	300°C	±3,0	±3,0	±3,5	±3,5	±4,0
Resolution	°C	0,1	0,1	0,1	0,1	0,1
Heating power	W	1200	1400	1600	2600	3400
Included shelves	No.	2	2	2	2	2
Max number of shelves	No.	6	7	8	12	15
Internal dimensions LxWxH	mm	390x350x390	450x400x450	500x470x520	600x500x800	700x580x1000
External dimensions LxWxH	mm	705x570x610	775x610x675	825x680x740	925x710x1030	1025x790x1230
Weight	kg	55	60	68	80	100
<b>Code</b>		<b>720.2080.05</b>	<b>720.2080.08</b>	<b>720.2080.12</b>	<b>720.2080.24</b>	<b>720.2080.40</b>

V/HZ 220/240-50/60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42

### Forced ventilation

Technical data		STF - F 52	STF - F 80	STF - F 120	STF - F 240	STF - F 400
Capacity	l	52	80	120	240	400
Room Temperature + 5	°C	+300	+300	+300	+300	+300
Precision	70°C	±1,0	±1,0	±1,0	±1,5	±1,5
	150°C	±1,5	±1,5	±1,5	±2,0	±2,0
	300°C	±2,0	±2,0	±2,5	±2,5	±3,0
Resolution	°C	0,1	0,1	0,1	0,1	0,1
Heating power	W	1200	1400	1600	2600	3400
Internal size LxWxH	mm	390x350x390	450x400x450	500x470x520	600x500x800	700x580x1000
Shelves	No.	2	2	2	2	2
Max number of shelves	No.	6	7	8	12	15
Outer dim. LxWxH	mm	705x570x610	775x610x675	825x680x740	925x710x1030	1025x790x1230
Weight	kg	55	60	68	80	100
<b>Code</b>		<b>720.2090.05</b>	<b>720.2090.08</b>	<b>720.2090.12</b>	<b>720.2090.24</b>	<b>720.2090.40</b>

V/HZ 220/240-50/60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42





For accessories and shelves see page 19

# STUFE

## Basic Ovens



STE - N  
STE - F

-  External structure in 18/8 stainless steel sheet coated with antiacid epoxy powder. Inner chamber in stainless steel
-  Digital temperature controller with resolution 0.1 and PID action
-  Manual reset safety thermostat adjustable
-  Manual chimney opening

### Natural ventilation

Technical data		STE - N 52	STE - N 120
Capacity	l	52	120
Min temperature	°C	room +5	room +5
Max temperature	°C	+300	+300
Precision	150°C	±1,5	±1,5
	300°C	±2,5	±2,5
Heating power	W	1200	1600
Internal dimensions LxWxH	mm	390x350x390	500x470x520
Included shelves	No.	2	2
Max number of shelves	No.	6	8
External dimensions LxWxH	mm	705x570x610	825x680x740
Weight	Kg	55	68
<b>Code</b>		<b>720.2089.05</b>	<b>720.2089.12</b>

V/HZ 220/240-50/60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42

### Forced ventilation

Technical data		STE - F 52	STE - F 120
Capacity	l	52	120
Min temperature	°C	room +5	room +5
Max temperature	°C	+300	+300
Precision	150°C	±2,5	±3,0
	300°C	±3,0	±3,5
Heating power	W	1200	1600
Internal dimensions LxWxH	mm	390x350x390	500x470x520
Included shelves	No.	2	2
Max number of shelves	No.	6	8
External dimensions LxWxH	mm	705x570x610	825x680x740
Weight	Kg	55	68
<b>Code</b>		<b>720.2079.05</b>	<b>720.2079.12</b>

V/HZ 220/240-50/60





SAFETY CLASS 3.1

PROTECTION CLASS IP 42

For accessories and shelves see page 19

# OVENS

## Forced ventilation oven for large volumes

-  Inner chamber in 18/8 stainless steel. External structure in stainless steel sheet coated with antiacid epoxy powder.
-  Electronic temperature control by PID-microprocessor.  
Digital timer from 0 to 99:59 (hh: mm) to infinity.
-  Energy saving. Switches to partially disable the heating elements.
-  Adjustable safety thermostat.



STF-F 720

Technical data	STF - F 720	
Capacity	l	720
Working temperature	°C	from +5 room to +220°C
Precision	%	±1% of temperature
Resolution	°C	0,1
Timer	hh:mm	from 0 to 99:59 + ∞
Heating power	W	2600+2600
Included shelves	No.	2
Max shelves	No.	21
Internal dimensions LxWxH	mm	910x610x1320
External dimensions LxWxH	mm	1270x830x1710
Weight	kg	250
<b>Code</b>	<b>720.2090.45</b>	

V/HZ 220/240-50/60

SAFETY CLASS 3.1

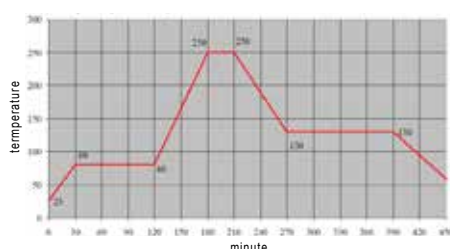
PROTECTION CLASS IP 42






# OVENS

## Natural and forced convection ovens with ramps



STF-NR / STF-FR



-  External structure in steel sheet coated with antiacid epoxy powder. Inner chamber in 18/8 stainless steel
-  Temperature control with microprocessor with PID action
-  Termostato di sicurezza regolabile
-  Adjustable safety thermostat
-  Ø 45 mm hole on the back side to discharge exhaust fumes with open/close adjustment device for cables, probes, etc. Ø 10 mm hole on the top side to insert a thermometer or a probe Programmable with ramps and serial interface RS 232. Working programs with 8 segments

### SOFTWARE PROGRAM

- USB converter included
  - Chart creation
  - Historical files record
- Code 720.3010.00**

### Natural ventilation

Technical data		STF - NR 52	STF - NR 80	STF - NR 120	STF - NR 240	STF - NR 400
Capacity	l	52	80	120	240	400
Room temperature + 5	°C	+300	+300	+300	+300	+300
Precision	70°C	±1,5	±1,5	±2,0	±2,5	±3,0
	150°C	±2,5	±2,5	±3,0	±3,5	±3,5
	300°C	±3,0	±3,0	±3,5	±3,5	±4,0
Resolution	°C	0,1	0,1	0,1	0,1	0,1
Heating power	W	1200	1400	1600	2600	3400
Included shelves	No.	2	2	2	2	2
Max number of shelves	No.	6	7	8	12	15
Internal dimensions LxWxH	mm	390x350x390	450x400x450	500x470x520	600x500x800	700x580x1000
External dimensions LxWxH	mm	775x570x610	845x610x675	895x680x740	995x710x1030	1095x790x1230
Weight	kg	55	60	68	80	100
<b>Code</b>		<b>720.2080.55</b>	<b>720.2080.58</b>	<b>720.2080.62</b>	<b>720.2080.74</b>	<b>720.2080.80</b>

V/HZ 220/240-50/60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42

### Forced ventilation

Technical data		STF - FR 52	STF - FR 80	STF - FR 120	STF - FR 240	STF - FR 400
Capacity	l	52	80	120	240	400
Room temperature + 5	°C	+300	+300	+300	+300	+300
Precision	70°C	±1,0	±1,0	±1,0	±1,5	±1,5
	150°C	±1,5	±1,5	±1,5	±2,0	±2,0
	300°C	±2,0	±2,0	±2,5	±2,5	±3,0
Resolution	°C	0,1	0,1	0,1	0,1	0,1
Heating power	W	1200	1400	1600	2600	3400
Ripiani grigliati di serie	No.	2	2	2	2	2
Max number of shelves	No.	6	7	8	12	15
Internal dimensions LxWxH	mm	390x350x390	450x400x450	500x470x520	600x500x800	700x580x1000
External dimensions LxWxH	mm	775x570x610	845x610x675	895x680x740	995x710x1030	1095x790x1230
Weight	kg	55	60	68	80	100
<b>Code</b>		<b>720.2090.55</b>	<b>720.2090.58</b>	<b>720.2090.62</b>	<b>720.2090.74</b>	<b>720.2090.80</b>

V/HZ 220/240-50/60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42



# INCUBATORS

## Mini portable incubator



Ideal for measurements and tests on the field  
(also for bench applications in laboratory)



Power supply 220V and 12V (cigarette lighter)



Digital timer: option to program with 5  
temperature steps  
Cooling by Peltier technology



ICT-P

Technical data		ICT-P
Capacity	l	18
Temperature	°C	10 to 65
Precision	37°C	±0,2 °C
Resolution	°C	0,1
Uniformity	°C	0,1
Stability	°C	±0,2
Timer	h	10000
Timer resolution	s	1
Heating and cooling setting	automatic detection	automatic detection
Internal dimensions LxWxH	cm	27,5x18,5x3,5
External dimensions LxWxH	cm	29,5x35x46,5
Weight	kg	6
Power Supply	W	60
Power	V	12
<b>Code</b>		<b>720.2070.00</b>

V/Hz 100 TO 240/50-60

SAFETY CLASS 00

PROTECTION CLASS 00

# INCUBATORS

## Mini Incubators



ICT



Incubators with transparent Plexiglas door to inspect the chambers



Natural air circulation, electronic temperature control with microprocessor PID Probe PT 100



Ø10 mm hole on the top side to insert a thermometer or a probe

Technical data		ICT 5,4	ICT 18	ICT 28
Capacity	l	5,4	18,0	28,0
Room Temperature + 5	°C	+80	+80	+80
Precision	37°C	±0,5	±0,5	±0,5
Resolution	°C	0,1	0,1	0,1
Heating power	W	120	360	420
Included Shelves	No.	2	2	2
Max number of shelves	No.	4	5	5
Internal dimensions LxWxH	mm	190x150x190	300x300x200	400x250x300
External dimensions LxWxH	mm	380x240x300	500x390x320	620x360x440
Weight	kg	10	15	26,5
<b>Code</b>		<b>720.2070.10</b>	<b>720.2070.12</b>	<b>720.2070.14</b>

V/HZ 220/240-50/60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42

# INCUBATORS

Incubators for precise thermostat applications



External structure in steel sheet coated with antiacid epoxy powder. Inner chamber in 18/8 stainless steel.  
Inner door in tempered glass



Temperature control with microprocessor.  
Timer from 0 to 12 hours + infinite



Ø45 mm hole on the back side to discharge exhaust fumes with open/close adjustment device for cables, probes, etc.  
Ø10 mm hole on the top side to insert a thermometer or a probe

ICT



Technical data		ICT 52	ICT 80	ICT 120	ICT 240
Capacity Room	l	52	80	120	240
Temperature + 5	°C	+80	+80	+80	+80
Precision	37°C	±0,4	±0,4	±0,8	±0,8
Resolution	°C	0,1	0,1	0,1	0,1
Heating power	W	300	350	400	650
Included shelves	No.	2	2	2	2
Max shelves		6	7	8	12
Internal dimensions LxWxH	mm	390x350x390	450x400x450	500x470x520	600x500x800
External dimensions LxWxH	mm	705x570x610	775x610x675	825x680x740	925x710x1030
Weight	kg	55	60	68	80
<b>Code</b>		<b>720.2070.16</b>	<b>720.2070.18</b>	<b>720.2070.20</b>	<b>720.2070.22</b>

V/HZ 220/240-50/60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42

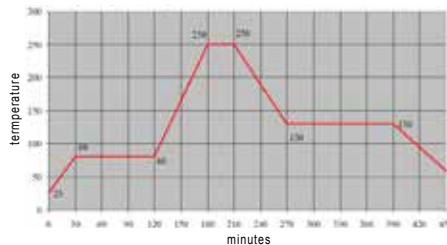
For accessories and shelves see page 19






# INCUBATORS

## Incubators with ramps for precise thermostat applications



ICT - R



-  External structure in steel sheet coated with antiacid epoxy powder. Inner chamber in 18/8 stainless steel
-  Temperature control with microprocessor with PID
-  Adjustable safety thermostat
-  Optimization of times
-  Hole Ø45 mm on the rear side to exhaust the fumes with open/close adjustment device for cables, probes, etc. Ø10mm hole on the top side to insert a thermometer or a probe Programmable with ramps and serial interface RS 232. Work programs with 8 temperature

### SOFTWARE PROGRAM

- USB converter included
  - Chart creation
  - Historical files record
- Code 720.3010.00**

Technical data		ICT - R 52	ICT - R 80	ICT - R 120	ICT - R 240
Capacity	l	52	80	120	240
Room Temperature + 5	°C	+80	+80	+80	+80
Precision	37°C	±0,4	±0,4	±0,8	±0,8
Resolution	°C	0,1	0,1	0,1	0,1
Heating power	W	300	350	400	650
Included shelves	No.	2	2	2	2
Max shelves	No.	6	7	8	12
Internal dimensions LxWxH	mm	390x350x390	450x400x450	500x470x520	600x500x800
External dimensions LxWxH	mm	775x570x610	845x610x675	895x680x740	995x710x1030
Weight	kg	55	60	68	80
<b>Code</b>		<b>720.2070.56</b>	<b>720.2070.58</b>	<b>720.2070.60</b>	<b>720.2070.62</b>

V/HZ 220/240-50/60


SAFETY CLASS 3.1


PROTECTION CLASS IP 42


For accessories and shelves see page 19

# REFRIGERATED INCUBATORS

Incubators for applications below room temperature

- 

External structure coated in antiacid epoxy powder. Inner chamber in stainless steel 18/8. Inner door in tempered glass
- 

The internal temperature is controlled by a PID microprocessor.  
Digital timer from 0 to 99.59 minutes or infinite.  
Option to lower room temperature of 10°C.  
Cooling by Peltier technology
- 

Ø10 mm hole on the top side to insert a thermometer or a probe



ICT - A

Technical data		ICT - A 52	ICT - A 80	ICT - A 120
Capacity	l	52	80	120
Min temperature	°C	20	20	20
Max Temperature	°C	+80,0	+80,0	+80,0
Display resolution	°C	0,1	0,1	0,1
Precisione 37	°C	±0,4	±0,4	±0,4
Cooling capacity	W	70	70	70
Heating capacity	W	250	300	350
Included shelves	No.	2	2	2
Max no. of shelves	No.	6	7	8
Maximum load per shelf	kg	20	20	20
Max instrument load	kg	50	75	100
Internal dimensions LxWxH	mm	390x350x390	450x400x450	500x470x520
External dimensions LxWxH	mm	775x570x610	845x610x675	895x680x740
Weight	kg	55	60	68
<b>Code</b>		<b>720.2070.24</b>	<b>720.2070.26</b>	<b>720.2070.28</b>

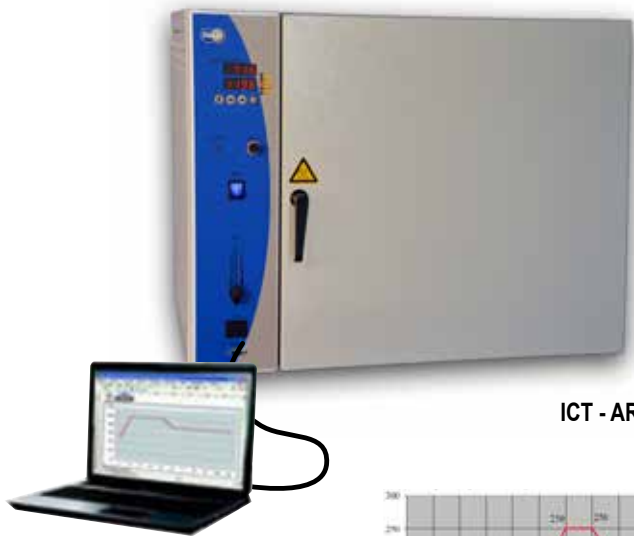
V/HZ 220/240-50/60

SAFETY CLASS 3.1

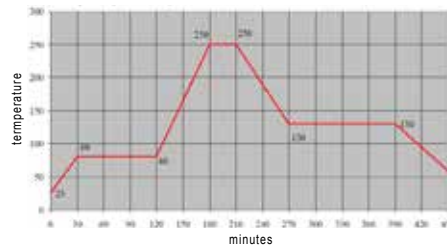
PROTECTION CLASS IP 42






# REFRIGERATED INCUBATORS

Incubators with ramps for precise thermostat applications



ICT - AR



-  External structure in steel sheet coated with antiacid epoxy powder. Inner chamber in stainless steel 18/8
-  Temperature control by microprocessor PID
-  Adjustable safety thermostat
-  Optimization of times
-  Ø10mm hole on the top side to insert a thermometer or a probe.  
Adjustable-speed ventilation (STF-F series)  
Programmable with ramps and serial interface RS 232.  
Working programs with 8 segments

## SOFTWARE PROGRAM

- USB converter included
  - Chart creation
  - Historical files record
- Code 720.3010.00**

Technical data		ICT - AR 52	ICT - AR 80	ICT - AR 120
Capacity	l	52	80	120
Min temperature	°C	20	20	20
Max temperature	°C	+80	+80	+80
Precision 37	°C	±0,4	±0,4	±0,4
Resolution	°C	0,1	0,1	0,1
Cooling power	W	70	70	70
Heating power	W	250	300	350
Included shelves	No.	2	2	2
Max number of shelves	No.	6	7	8
Maximum load per shelf	Kg	20	20	20
Max instrument load	Kg	50	75	100
Internal dimensions LxWxH	mm	390x350x390	450x400x450	500x470x520
External dimensions LxWxH	mm	775x570x610	845x610x675	895x680x740
Weight	kg	55	60	68
<b>Code</b>		<b>720.2070.64</b>	<b>720.2070.66</b>	<b>720.2070.68</b>




V/HZ 220/240-50/60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42

# REFRIGERATED INCUBATORS

Refrigerated incubator 0°C ÷ 100°C

-  External structure in steel sheet coated with antiacid epoxy powder.  
Inner chamber in 18/8 stainless steel.  
Second door in tempered glass
-  Fast and powerful refrigeration system.  
Working temperature from 0°C to 100°C.  
Sterilization Cycle (160°C per 2,5 hours)
-  RS-485 output  
Data management software, cable and serial USB adapter



ICT - C

Technical data		ICT - C 52	ICT - C 120	ICT - C 240
Capacity	l	52	114	223
Temperature	°C	0 ÷ 100	0 ÷ 100	0 ÷ 100
Display resolution	°C	0,1	0,1	0,1
Temperature uniformity at	4°C	0,7°C	0,7°C	0,7°C
	37°C	0,5°C	0,5°C	0,5°C
Temperature stability at	60°C	1,0°C	1,0°C	1,0°C
	37°C	0,2°C	0,2°C	0,2°C
Time for reaching the temperature at	37°C	5 minutes	6 minutes	6 minutes
	44°C	6 minutes	7 minutes	7 minutes
	60°C	6 minutes	8 minutes	8 minutes
Included shelves	No.	2	2	2
Max number of shelves	No.	6	10	18
Max load per shelf	kg	20	20	20
Max instrument load	kg	50	70	90
Internal dimensions LxWxH	mm	400x356x390	500x456x500	500x456x980
External dimensions LxWxH	mm	526x579x910	626x679x1020	626x679x1500
Capacity	W	1650	1650	2400
Weight	kg	71	88	114
<b>Code</b>		<b>720.2070.72</b>	<b>720.2070.74</b>	<b>720.2070.76</b>

V/HZ 220/240-50/60

SAFETY CLASS 3,1

PROTECTION CLASS IP 42

## ACCESSORIES

### Shelves in chrome-plated steel

Model	Code
52	<b>720.2091.46</b>
120	<b>720.2091.47</b>
240	<b>720.2091.48</b>

Wheels  
Code **720.2091.00**

Electronic recorder  
Code **720.3010.10**

PT100 for temperature reading  
Code **720.3010.11**

# REFRIGERATED INCUBATORS

## High precision incubator with data recording



HPI



Insulation with smoke-proof, anti-dust and self-extinguishing insulator. Second glass door. Ethernet port



Setting temperature from 4°C to 50°C eco-friendly. Temperature is controlled by a double PID



Ideal for pharmaceutical companies



Software Review Data recording 50MB of integrated ash memory. Option to save data to USB. 1/4 VGA colour LCD display. Multilingual support (Italian, English, French, German and Spanish)

### Technical data

		HPI
Capacity	l	100
Temperature	°C	+4 ÷ +50
Display resolution	°C	0,01
Precision	°C	0,2
Uniformity	°C	0,4
Cooling capacity	W	600
Heating capacity	W	600
Included shelves	No.	2
Max number of shelves	No.	9
Max load per shelf	Kg	20
Max instrument load	Kg	50
Internal dimensions LxWxH	mm	495x370x495
External dimensions LxWxH	mm	730x680x860

### Code

**720.2070.75**

V/HZ 220/240-50/60

SAFETY CLASS 3.1

PROTECTION CLASS IP 42



# REFRIGETARED INCUBATORS

## Refrigerated incubator with shaking function



Soft-Touch working panel for easy use.  
Option to change door opening direction  
(left or right)



deal for biotechnology laboratories and  
incubation of cell cultures.  
Incubator Hatch-Master with double shaking.  
Useful in laboratories of biotechnology, ideal for  
incubation of various types of cell cultures. The  
system thus combined ensures full control of  
temperature and movement of the shaker with  
good precision. Easy to program and option to  
set sequential operations.



Complete with a buzzer in case the set  
temperature is exceeded of +5° C.  
Double glass door for the inside control  
of the high-efficiency DC motor compartment



Two internal movement options  
- horizontal and orbital.  
Temperature control from 15 to 60 °C.  
Option to program the temperature increase  
with a software by a PC. Programming control  
system, equipped with audible alarm



Peltier thermoelectric system with digital control  
for high precision.  
Memory with protection in the event of power  
failure. PID Circuit for temperature stability  
control



HATCH MASTER

Technical data	HATCH MASTER	
Temperature steadiness at 37°C	°C	± 1°
Temperature precision at 37°C	°C	± 0,2
Temperatura range	°C	from 15 to 60
Temperature calibration	°C	± 5
Componen. hot/cold		Peltier Effect Heat
Speed	rpm	from 20 to 300
Speed precision	rpm	from 300 to ± 5
Displacement	mm	25
Tray dimensions WxD	mm	250x90
Maximum load	kg	3,5
Programmable timer	min	from 0-99h 59
Program		programmed/manual
Operation	No.	20
Colour display		VFD+Led
External dimensions LxWxH	mm	420x560x650
Weight	kg	52
<b>Code</b>		<b>720.2060.00</b>

V/HZ 220/240-50/60

SAFETY CLASS 00

PROTECTION CLASS 00

### ACCESSORIES

Support for 2 flasks with 250 or 500 ml  
capacity. Model BYQ 6 H 60  
**Code 720.2060.02**

Universal spring support  
of 290x250 mm. Model BYQ 6012 E  
**Code 720.2060.04**

# REFRIGERATED

## Refrigerated thermostats for BOD applications



FTF



Temperature control through PID microprocessor and PT100 probe



External frame in steel sheet coated with epoxy powder. Internal structure in ABS, with no joints.



Cooling system controlled by an electronic valve



Technical data		FTF 90	FTF 180	FTF 220
Capacity	lt	54	180	260
Included Shelves	No.	2	2	5
Working temperature	°C	+4,0 ÷ +45,0	+4,0 ÷ +45,0	+4,0 ÷ +45,0
Resolution	°C	0,1	0,1	0,1
Precision	°C	±0,5	±0,5	±0,5
Uniformity	°C	±1,0	±1,0	±1,0
Capacity	W	120	130	450
Compressor	HP	1/6	1/5	1/4
Refrigerant Gas		R134a	R134a	R134a
Internal sockets 230V-50/60Hz	No.	2	2	4
Inner dimensions LxWxH	mm	450x270x448	430x500x680	470x470x1200
External dimensions LxWxH	mm	540x540x650	593x620x832	600x600x1850
<b>Code</b>		<b>720.2072.09</b>	<b>720.2072.18</b>	<b>720.2072.22</b>

V/HZ 220/240-50/60

SAFETY CLASS 0

PROTECTION CLASS IP 42

# ACCESSORIES

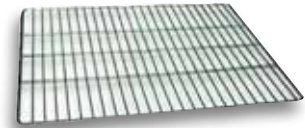


Perforated helves in aluminium

Capacity (l)	5,4	18	28
Code	720.2091.01	720.2091.02	720.2091.03

Perforated shelves in stainless steel for STF-ICT8

Capacity (l)	52	80	120	240	400	720
Code	720.2091.55	720.2091.58	720.2091.62	720.2091.74	720.2091.80	720.2091.85



Grid shelves for STF-ICT  
In chrome-plated

Capacity (l)	52	80	120	240	400	720
Code	720.2091.05	720.2091.08	720.2091.12	720.2091.24	720.2091.40	720.2091.45

## Disassembling Oven table

In steel sheet coated with antiacid epoxy powder (supplied disassembled)

### STF/ICT

Capacity	l	52-80	80-120
Dimensions	m	800x650x850	900x750x800
Code		720.2091.92	720.2091.93



## Tavolo portastufe

In anodised aluminium tube profiled

### STF/ICT

Capacity	l	52-80	80-120
Dimensions	m	800x650x850	900x750x800
Code		720.2091.95	720.2091.96



## Oven table-trolley

In steel sheet coated with antiacid epoxy powder  
Wheels diameter 150 mm with brake

### STF/ICT

Capacity	l	240-400
Dimensions	m	1100x800x500
Code		720.2091.98





FALC INSTRUMENTS s.r.l.

Via G. M. Compagnoni, 2 | 24047 Treviglio (BG) - Italy

+39 0363 304660 | [falc@falcinstruments.it](mailto:falc@falcinstruments.it) | [falcinstruments.it](http://falcinstruments.it)