



Sales Quotation

To : PT. Mersi Biovac Proindo **From** : Ganisa Kusumawardhani
Attn : Procurement/Ms.Dini **Date** : September 17, 2026
Fax : **Fax** : +(62) 21 451 6 223
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Email : **Our Ref** : 005/SQ-GS/PTITS/IX/2026/REV-I

Total No. of Pages (including this page) : 37 Only

Dear customer,

Good Day,

Thank you for your kind inquiry. We are pleased to submit our sales quotation as follows :

No	Item & Model	Brand	Price List (IDR)	Discount	Price after Discount (IDR)
1	Incubator, #IN55Plus	Memmert, Germany	108.750.000	30%	76.125.000
2	Cooled Incubator, #IPP410ecoPlus	Memmert, Germany	404.200.000	30%	282.940.000
3	Incubator, #IN260Plus	Memmert, Germany	212.730.000	30%	148.911.000
4	Incubator, #IF450Plus	Memmert, Germany	275.150.000	30%	192.605.000
5	Refrigerator&Freezer, #SCFvh 4032 Perfection	Liebherr, Germany	125.800.000	30%	88.060.000
6	Combined Refrigerator and Freezer #MCD-25L506	Midea, China	86.000.000	30%	60.200.000
7	Waterbath Flat Cover #WTB15	Memmert, Germany	47.000.000	30%	32.900.000
8	Vortex, #Reax Top 541-10000-00	Heidolph, Germany	11.200.000	30%	7.840.000
9	Biosafety Cabinet Class II A2 #BSC-1302 II A2 (4feet)	Airtech, China	184.620.000	30%	129.234.000

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10	Single Channel Pipette Transferpette S #100- 1000ul #705880	Brand, Germany	8.000.000	30%	5.600.000
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Unit Price Include:

- Installation, training, and IQOQ Document & Execution
- Calibration Documentation and Execution (Only for item no 1-6)

1. Incubator

Brand : Memmert, Germany

Model : IN55Plus (twin display, capacity : 53 l)

Includes :

- 2 pcs grid shelves
- Atmocontrol software

Technical Data

Temperature	
Setting temperature range	+20 to +80 °C
Working temperature range	at least 5 above ambient temperature to +80 °C
Setting accuracy temperature	0.1 °C
Temperature sensor	2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error
Control technology	
ControlCOCKPIT	TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.
Timer	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days

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Function HeatBALANCE	adapting the distribution of the heating performance of the upper and lower heating circuit from -50 % to +50 %
Function SetpointWAIT	the process time does not start until the set temperature is reached
Calibration	three freely selectable temperature values
adjustable parameters	temperature (Celsius or Fahrenheit), air flap position, programme time, time zones, summertime/wintertime
Sterilisation	fixed sterilisation programme (4 hours/160°C) for sterilisation of working chamber, not for sterilising the load
Ventilation	
Convection	natural convection
Fresh air	Admixture of pre-heated fresh air by electronically adjustable air flap
Vent	vent connection with restrictor flap
Communication	
Documentation	programme stored in case of power failure
Programming	AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port
Safety	
Temperature control	mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 20°C above nominal temperature
Temperature control	overtemperature monitor TWW, protection class 3.1 or adjustable

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	temperature limiter TWB, protection class 2, selectable on display
AutoSAFETY	additionally integrated over- and undertemperature monitor "ASF", automatically following the setpoint value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off in case of overtemperature
Autodiagnostic system	for fault analysis
Alarm	visual and acoustic
Standard equipment	
Works calibration certificate	incl. works calibration certificate for +37°C
Door	fully insulated stainless steel door with 2-point locking (compression door lock)
Door	inner glass door
Internals	1 stainless steel grid(s), electropolished
Stainless steel interior	
Interior	easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides
Volume	53 l
Dimensions	w _(A) x h _(B) x d _(C) : 400 x 400 x 330 mm
Max. number of internals	4
Max. loading of chamber	80 kg

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Max. loading per internal	20 kg
Textured stainless steel casing	
Dimensions	w _(D) x h _(E) x d _(F) : 585 x 784 x 514 mm (d +56mm door handle)
Housing	rear zinc-plated steel
Electrical data	
Voltage Electrical load	230 V, 50/60 Hz approx. 1000 W
Voltage Electrical load	115 V, 50/60 Hz approx. 900 W
Ambient conditions	
Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.
Altitude of installation	max. 2,000 m above sea level
Ambient temperature	+5 °C to +40 °C
Humidity rh	max. 80 %, non-condensing
Overvoltage category	II
Pollution degree	2
Packing/shipping data	
Transport information	The appliances must be transported upright

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Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-Reg.-No.	DE 66812464
Dimensions approx incl. carton	w x h x d: 730 x 950 x 670 mm
Net weight	approx. 57 kg
Gross weight carton	approx. 76 kg



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2. Cooled Incubator

Brand : Memmert, Germany

Model : IPP410ecoPlus (capacity : 384 L, TWINdisplay)

Includes :

- 4 pcs grid shelves
- Atmocontrol software

Technical Data

Temperature	
Setting temperature range	0 to +70 °C
Working temperature range	with light: +10 to +40 °C
Working temperature range	without light: from 0 (at least 20 below ambient temperature) to +70°C
Setting accuracy temperature	0.1 °C
Temperature sensor	2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error
Control technology	
ControlCOCKPIT	TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.
Language setting	German, English, Spanish, French, Polish, Czech, Hungarian, Italian, Chinese
Timer	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
Function HeatBALANCE	adapting the distribution of the heating performance of the upper and

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	lower heating circuit from -50 % to +50 %
Function SetpointWAIT	the process time does not start until the set temperature is reached
Calibration	three freely selectable temperature values
adjustable parameters	temperature (Celsius or Fahrenheit), programme time, time zones, summertime/wintertime
Ventilation	
Convection	forced ventilation by Peltier fan
Communication	
Documentation	programme stored in case of power failure
Programming	AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port
Safety	
Temperature control	over- and undertemperature monitor TWW, protection class 3.3 or adjustable temperature limiter TWB, protection class 2, selectable on display
AutoSAFETY	additionally integrated over- and undertemperature protection "ASF", automatically following the setpoint value at a preset tolerance range, alarm in case of over- or undertemperature, heating function is switched off in case of overtemperature, cooling function in case of undertemperature
Autodiagnostic system	for fault analysis
Alarm	visual and acoustic
Heating concept	

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Peltier	Heating and cooling performance distribution by individual control of the Peltier elements in the upper and lower row
Peltier	energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)
Standard equipment	
Works calibration certificate	for +10 °C, +25 °C and +40 °C
Door	fully insulated stainless steel door with 2-point locking (compression door lock)
Door	inner glass door
Internals	2 stainless steel grid(s), electropolished
Stainless steel interior	
Dimensions	w _(A) x h _(B) x d _(C) : 640 x 1200 x 500 mm (d less 32 mm for fan - Peltier)
Volume	384 l
Max. number of internals	14
Max. loading of chamber	200 kg
Max. loading per internal	20 kg
Textured stainless steel casing	
Dimensions	w _(D) x h _(E) x d _(F) : 824 x 1720 x 655 mm (d +56mm door handle & +111mm Peltier element)
Installation	on lockable castors
Housing	rear zinc-plated steel

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Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 600 W

Voltage	115 V, 50/60 Hz
Electrical load	approx. 600 W

Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.
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Ambient temperature	16 °C to 40 °C
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Humidity rh	max. 70 %, non-condensing
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Altitude of installation	max. 2,000 m above sea level
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Overvoltage category	II
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Pollution degree	2
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Packing/shipping data

Transport information	The appliances must be transported upright
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Customs tariff number	8419 8998
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Country of origin	Federal Republic of Germany
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WEEE-Reg.-No.	DE 66812464
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Dimensions approx incl. carton	w x h x d: 930 x 1930 x 930 mm
Net weight	approx. 139 kg
Gross weight carton	approx. 190 kg



3. Incubator

Brand : Memmert, Germany

Model : IN260Plus (*twin display, capacity : 256L*)

Includes :

- 4 pcs grid shelves
- Atmocontrol software

Temperature

**Setting
temperature
range** +20 to +80 °C

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Working temperature range	at least 5 above ambient temperature to +80 °C
Setting accuracy temperature	0.1 °C
Temperature sensor	2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error
Control technology	
ControlCOCKPIT	TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.
Timer	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
Function HeatBALANCE	adapting the distribution of the heating performance of the upper and lower heating circuit from -50 % to +50 %
Function SetpointWAIT	the process time does not start until the set temperature is reached
Calibration	three freely selectable temperature values
adjustable parameters	temperature (Celsius or Fahrenheit), air flap position, programme time, time zones, summertime/wintertime
Sterilisation	fixed sterilisation programme (4 hours/160°C) for sterilisation of working chamber, not for sterilising the load
Ventilation	
Convection	natural convection

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Fresh air	Admixture of pre-heated fresh air by electronically adjustable air flap
Vent	vent connection with restrictor flap
Communication	
Documentation	programme stored in case of power failure
Programming	AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port
Safety	
Temperature control	mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 20°C above nominal temperature
Temperature control	overtemperature monitor TWW, protection class 3.1 or adjustable temperature limiter TWB, protection class 2, selectable on display
AutoSAFETY	additionally integrated over- and undertemperature monitor "ASF", automatically following the setpoint value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off in case of overtemperature
Autodiagnostic system	for fault analysis
Alarm	visual and acoustic
Standard equipment	
Works calibration certificate	incl. works calibration certificate for +37°C
Door	fully insulated stainless steel door with 2-point locking (compression door lock)

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Door	inner glass door
Internals	2 stainless steel grid(s), electropolished
Stainless steel interior	
Interior	easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides
Volume	256 l
Dimensions	$w_{(A)} \times h_{(B)} \times d_{(C)}$: 640 x 800 x 500 mm
Max. number of internals	9
Max. loading of chamber	300 kg
Max. loading per internal	20 kg
Textured stainless steel casing	
Dimensions	$w_{(D)} \times h_{(E)} \times d_{(F)}$: 824 x 1183 x 684 mm (d +56mm door handle)
Housing	rear zinc-plated steel
Electrical data	
Voltage	230 V, 50/60 Hz
Electrical load	approx. 1700 W
Voltage	115 V, 50/60 Hz
Electrical load	approx. 900 W
Ambient conditions	
Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must

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not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.

Altitude of installation	max. 2,000 m above sea level
Ambient temperature	+5 °C to +40 °C
Humidity rh	max. 80 %, non-condensing
Overvoltage category	II
Pollution degree	2
Packing/shipping data	
Transport information	The appliances must be transported upright
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-Reg.-No.	DE 66812464
Dimensions approx incl. carton	w x h x d: 930 x 1380 x 930 mm
Net weight	approx. 110 kg
Gross weight carton	approx. 161 kg

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4. **Forced Air Incubator**

Brand : Memmert, Germany

Model : IN260Plus (*twin display, capacity : 256L*)

Includes :

- 4 pcs grid shelves

- Atmocontrol software

Technical Data

Temperature

Setting temperature range	+20 to +80 °C
Working temperature range	min. 10°C above ambient up to +80°C
Setting accuracy temperature	0.1 °C
Temperature sensor	2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error
Control technology	
ControlCOCKPIT	TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.
Timer	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days

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Function HeatBALANCE	adapting the distribution of the heating performance of the upper and lower heating circuit from -50 % to +50 %
Function SetpointWAIT	the process time does not start until the set temperature is reached
Calibration	three freely selectable temperature values
adjustable parameters	temperature (Celsius or Fahrenheit), fan speed, air flap position, programme time, time zones, summertime/wintertime
Sterilisation	fixed sterilisation programme (4 hours/160°C) for sterilisation of working chamber, not for sterilising the load
Ventilation	
Fan	forced air circulation by quite air turbine, adjustable in 10 % steps for each segment individually
Fresh air	Admixture of pre-heated fresh air by electronically adjustable air flap
Vent	vent connection with restrictor flap
Communication	
Documentation	programme stored in case of power failure
Programming	AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port
Safety	
Temperature control	mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 20°C above nominal temperature
Temperature control	overtemperature monitor TWW, protection class 3.1 or adjustable temperature limiter TWB, protection class 2, selectable on display
AutoSAFETY	additionally integrated over- and undertemperature monitor "ASF", automatically following the setpoint value at a preset

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	tolerance range, alarm in case of over- or undertemperature, heating is switched off in case of overtemperature
Autodiagnostic system	for fault analysis
Alarm	visual and acoustic

Standard equipment

Works calibration certificate	incl. works calibration certificate for +37°C
Door	inner glass doors
Door	fully insulated stainless steel doors with 2-point locking (compression door lock)
Internals	2 stainless steel grid(s), electropolished

Stainless steel interior

Dimensions	$w_{(A)} \times h_{(B)} \times d_{(C)}$: 1040 x 720 x 600 mm (d less 39 mm for fan)
Interior	easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides
Volume	449 l
Max. number of internals	8
Max. loading of chamber	300 kg
Max. loading per internal	30 kg

Textured stainless steel casing

Dimensions	$w_{(D)} \times h_{(E)} \times d_{(F)}$: 1224 x 1247 x 784 mm (d +56mm door handle)
Installation	on lockable castors
Housing	rear zinc-plated steel

Electrical data

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Voltage Electrical load	230 V, 50/60 Hz approx. 1800 W
Voltage Electrical load	115 V, 50/60 Hz approx. 1500 W

Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.
Altitude of installation	max. 2,000 m above sea level
Ambient temperature	+5 °C to +40 °C
Humidity rh	max. 80 %, non-condensing
Overvoltage category	II
Pollution degree	2

Packing/shipping data

Transport information	The appliances must be transported upright
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-Reg.-No.	DE 66812464
Dimensions approx incl. carton	w x h x d: 1330 x 1440 x 1050 mm
Net weight	approx. 161 kg
Gross weight carton	approx. 227 kg

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5. Laboratory Fridge-Freezer

Brand : Liebherr, Germany
Model : SCFvh 4032 Perfection

Spesification

General product information

Model type Laboratory fridge-freezer with NoFrost

Classification Perfection

GTIN 9005382247716

Output and consumption

Energy consumption per year 459 kWh/a

Energy consumption in 24h 1.257 kWh / 24h

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Noise level

48 dB

Ambient temperature

+10 °C to 35 °C

Net capacity, total

264 l

Refrigerant

R 600a

Heat emission

380 kJ / h

Heat distribution system

Air cooling

Rated power in watts (Catalog)

160.0 W

Voltage

220-240 V ~

Frequency

50/60 Hz

Refrigerator compartment

284 l

Control and functions

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Control unit

Touch & Swipe

Power failure alarm

**immediately upon power failure for min.
12h**

Malfunction: Warning signal

optical and acoustical

positive temperature deviation from the setpoint

1.9 Kelvin

negative temperature deviation from the setpoint

1.7 Kelvin

Increase in temperature from +5 °C to +10 °C (empty, +25 °C TU)

50 min

Increase in temperature from -20 °C to -15 °C (empty, +25 °C TU)

55 min

Decrease in temperature from +25 °C to +5 °C (empty, +25 °C TU)

30 min

Cooling time from +25 °C to -20 °C (empty, +25 °C TU)

180 min

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Recovery time after 1 min of door opening (empty, +25 °C
TU, according to EN 60068-3) **10 min**

potential-free contact **✓**

SmartMonitoring-enabled **Yes**

Connectivity type **SmartModule**

Connectivity solution **integrated, removable**

Interface **WLAN/LAN**

Data logger **integrated, USB interface**

min./max. temperature recording **Yes**

Alarm history **Yes**

Product sensor **integrated**

Refrigerator compartment

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Gross volume cooling

284 l

Net volume cooling

206 l

Adjustable temperature range

+3 °C to +16 °C

Temperature display

external digital

Cooling system, refrigerator compartment

dynamic

Defrosting method

automatic

Interior light

LED light column, left

Number of storage shelves

5

of which adjustable

4

Bottom grid shelf

—

Freezer compartment

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Gross volume freezing	112 l
-----------------------	-------

Net volume freezing	58 l
---------------------	------

Adjustable temperature range	-9 °C to -30 °C
------------------------------	-----------------

Temperature display	external digital
---------------------	------------------

Cooling technology	NoFrost
--------------------	---------

Cooling system, freezer compartment	dynamic
-------------------------------------	---------

Defrosting method	automatic
-------------------	-----------

Interior light	LED light
----------------	-----------

Drawers in freezer compartment	3
--------------------------------	---

Number of storage shelves	3
---------------------------	---

of which adjustable	0
---------------------	---

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Bottom grid shelf

—

Design and materials

Side wall material

steel

Colour

White

Door/Cover material

Insulated glass door, steel

Handle

Antimicrobial handle with opening mechanism

Material of interior containers

Plastic white

Storage shelf material, refrigerator compartment

Plastic-coated grids

Material of adjustable shelves in the freezer compartment

Glass

Material of adjustable feet

Steel, zinc

Set-up and installation

Self-closing door

✓

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Door hinges

Right reversible

Door hinge replacement

Possible for customer

Door seal

Replaceable

Height-adjustable feet

— mm

Castors

—

Type of castors

—

Type of lock

mechanical

Max. installation altitude

1,500 m above sea level

Connector cable (length)

3,000 mm

Specifications

Total gross volume

396 l

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Total net volume	264 l
Exterior dimensions: height/width/depth	204.4 / 59.7 / 65.4 cm
Height / Width / Depth (with packaging)	2,080.0 / 615.0 / 725.0 mm
Weight (without packaging)	97 kg
Weight (with packaging)	103 kg
Load-bearing capacity of shelf areas, refrigerator compartment	45 kg
Load-bearing capacity of shelf areas, freezer compartment	40 kg
Net width of shelves	46 cm
net depth of storage shelves	42.3 cm
Certifications	DIN 13277 / IEC 60068-3 / IEC 61010-1 / IEC 61010-2-011 / IEC 61326-1

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6. Combined Refrigerator and Freezer

Brand : Midea, China

Model : MCD-25L506

Features:

Dual Temperature Control System

Refrigerator and freezer that can be individually controlled;
 Temperature of refrigerator is 2-8°C, freezer can adjust from -10~-25°C/-20~-40°C.
 Microcomputer control with LED display, temperature accuracy 0.1°C;
 World famous brand compressor, energy saving, environmental protection, high efficiency and low noise.

Security system

Perfect alarm systems: buzzer alarming with light flashing;
 High and low temperature alarm, power failure, sensor failure alarm, etc.

Humanized Design

PVC coated steel shelves for refrigerator;
 Fixed caster + universal wheel;
 Safety lock;
 Easy open handle;
 Multi layers for freezer, better temperature insulation;
 Wide voltage range design;
 Access port;
 Dry contacts.



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Technical Data

Temperature Range	Fridge:2~8°C/Freezer:-10~-25°C
Fridge Storage Volume(L)	Fridge: 247 L/Freezer: 259 L
External Material	High quality coated steel
Internal Material	High quality coated steel
Product Dimensions(mm)(wxdxh)	866*811*1920
Interior Dimensions(mm)(wxdxh)	Fridge:680*596*630/Freezer:680*620*650
Loading Dimensions(mm)(wxdxh)	905*835*2040
Net/Gross Weight	134/155
Load capacity (40HQ)	14/28
Thickness of Foaming layer(mm)	Fridge:45mm/Freezer:75mm
Foaming agent	Cyclopentane
Packing	Carton
Stacking layers	1
Cooling Type	Fridge: Forced air cooling/Freezer:Direct cooling
Defrost type	Fridge: Auto defrost/Freezer:Manual defrost
Climate Class	N
Rated Voltage/Frequency(V/Hz)	220~240V/50Hz
Rated Power(W)	250
Rated Current(A)	2.5
Refrigerant/Amount(g)	Fridge:R600a/38g/Freezer:R290/70g
Controller	Microprocessor
Display	LED
Temperature uniformity/°C	R:±1.5°C/F:±1.5°C
Temperature Accuracy	0.1 °C
Sound Alarm	Y
Light Alarm	Y
High Temperature Alarm	Y
Low Temperature Alarm	Y
High Ambient Temperature Alarm	Y
Power Failure Alarm	Y
Sensor Failure Alarm	Y
Door ajar Alarm	Y
Remote Alarm	Y

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USB	Y
lock	Y
Backup Battery	Y
Shelves/Drawer	Fridge:3/ Freezer:3
Handle	Grip
Cable Port	Y
Castors/type	Y
Printer	Optional

7. **Waterbath Flat Cover**

Brand : Memmert, Germany

Model : WTB15

Accessories includes :

- 1 pcs Gable Cover
- 3 pcs test tube rack #B48829

Technical Data

Temperature

Working temperature range at least 5 above ambient to +100 (depending on ambient pressure)

Setting temperature range +10 to +100 °C

Setting accuracy temperature 0.1 °C

Control of standard components

Controller intuitive 3.5" colour graphic display with touch screen

Safety

Temperature control Independent temperature limiter to switch off the heating in case of failure

Heating concept

Heating corrosion-proof large-area heating on the outside of the interior

Stainless steel interior

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**Interior**

Deep-drawn stainless steel tray (stainless steel W.St. 1-4301), without corners and edges for easy cleaning incl. central drain (no disturbing installations)

Dimensions W x H x D in mm $w_{(A)} \times h_{(C)} \times d_{(B)}$: 482 x 150 x 277 mm

Volume 17 l

Textured stainless steel casing

Dimensions $w_{(D)} \times h_{(E2)} \times d_{(F)}$: 554 x 328 x 349 mm

Electrical data

Voltage Electrical load 230 V, 50/60 Hz
approx. 1420 W

Voltage 230 V, 50/60 Hz

Voltage Electrical load 115 V, 50/60 Hz
approx. 1420 W

Ambient conditions

Installation The vent openings in the left and back side must remain unobstructed. Minimum wall spacing on all sides is 80 mm. The minimum spacing from the top of the bath to the next ceiling is 750 mm.

Ambient temperature +5 °C to +40 °C

Humidity rh max. 80 %, non-condensing

Overvoltage category II

Pollution degree 2

Packing/shipping data

Transport information The appliances must be transported upright

Customs tariff number 8419 8998

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Country of origin	Federal Republic of Germany
WEEE-Reg.-No.	DE 66812464
Dimensions approx incl. carton	w x h x d: 670 x 530 x 400 mm
Net weight	approx. 9 kg
Gross weight carton	approx. 14 kg



8. **Vortex**

Brand : Heidolph, Germany

Model : Reax Top Cat No # 541-10000-00

Technical Data

Motion vibrating
Rotation speed range 0 - 2,500 rpm
Operating Mode automatic or continuous
Orbit / Stroke 5 mm
Power input 51 W
Overheat protection self-resetting
Protection class DIN EN 60529 IP 22



9. **Biosafety Cabinet Class II A2**

Brand : AIRTECH, CHINA

Model : BSC-1302 II A2

Friendly Control Panel

- ◆ LED screen, show the air velocity, time, fan station, alarm in real time.



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Safe and Reliable, Energy-Efficient

- ◆ DC fan and LED light make the operation power consumption save 30%.
- ◆ Intelligent auto-supply system of imported blower ensures the change of air volume less than 10% when the resistance of filter increases 50% and enhance safety.
- ◆ The alarm system for safe operation height is interlocked with light. At the same time light is interlocked with sterilizing.
- ◆ Leak detection in cabinet, no leakage at 500Pa.
- ◆ UV light with set timer, safer and high efficiency.

Humanized design

- ◆ 10°sloped front make it comfortable to operator.
- ◆ Negative pressure and double layers chamber around ensure non-leakage, non-pollution.
- Demountable circular-arc armrest can alleviate working tiredness and make it easy to transport.
- ◆ Front window adopts hanging lifting system (Imported from Japan) and more than 5mm thickness security glass with arbitrary positioning, high stability and convenient to sterilization when it closed.
- ◆ Movable stainless steel worktable 4 liter capacity stainless steel collecting tank with below down valve, easy to collect water, cleaning and disinfection.
- ◆ Non-obstructive air return mode in the front suction channel.
- ◆ The adjustable leveling foot is without exposure thread.



HEPA filters

- ◆ USA HV HEPA Filter Medium, provide 99.995% typical efficiency for particle size over 0.3 microns, and the materials is glass fiber.
- ◆ A minimum ISO 5 air quality in the work area
- ◆ Unique Technology of non leakage.
- ◆ Every HEPA filters will be tested to ensure non leakage.

Technical Data

Model/Item	BSC-1302 II A2
Nominal Size	1.3meter(4')

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Filtration Efficiency	HEPA: $\geq 99.995\%$, @0.3 μm
Downflow Velocity	0.35 m/s(68.88fpm)
Inflow Velocity	0.54 m/s(106.27fpm)
Noise	≤ 67 dB(A)
Vibration(μm)	≤ 5 μm (center of tabletop)
Power Supply	AC230V, 1 ϕ , 50/60Hz
Opening Height(mm)	250
Operator Protection	A. Total colony in impaction sampler ≤ 10 CFU./time B. Total colony in slot sampler ≤ 5 CFU./time
Product Protection	Total colony in culture dish ≤ 5 CFU./time
Cross Contamination	Total colony in culture dish ≤ 2 CFU./time
Rated Power(without spare socket)	0.46 kVA
Weight	300 kg
Work Dimension (W1XD1XH1)	1270*600*620 mm (50"x23.6"x24.4")
Overall Dimension (WXDXH)	1500*790*2050 mm (59.1"x31.1"x80.7")
Size and Qty. of Light	LED 24.5 w x ②
Size and Qty. of UV Light	15 w x ②
Lumin.	≥ 750 Lx
Cabinet Materials	High-grade steel and lacquered in ivory

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Working Area Materials	SS304 fully finished
Air Direction	Top out



10. Single Channel Pipette

Brand : Brand, Germany

Model: Transferpette® S

FEATURES

- Genuine one-hand operation : Set the volume, pipette and eject the tip—all without changing your grip
- Ergonomic : Low operating forces and short stroke
- Easy Calibration technology : Simple adjustment, without tools
- Volume-change protection : Secures the set volume from accidental adjustment
- Resistance : Autoclavable without disassembling at 121°, 2 bar, acc to DIN EN 285



Transferpette® S, adjustable volume

Volume range	Cat.No.
100 - 1000 µl	7058 80

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Thank you for your kind attention.
We look forward to being service to you soon.

Best regards,



Ganisa Kusumawardhani
ganisa@its-indonesia.com
mobile : 08-121-895-0585

Price	: In IDR, franco PT.Mersi Biovac Proindo Exclude 11% PPN (and PPH, 'for any service job')
Delivery	: Stock : soon after receiving P/O Indent : $\pm$ 3 month after receiving P/O
Payment	: 30% DP, 40% before delivery, 30% after BAST (we reserve the right to charge interest 1.5% per month on overdue account)
Validity of quotation	: 14 calendar days after date of quotation. Please re-check the price to us if it is exceed the validity date.
Order Cancellation	: - Goods sold are not returnable and exchangeable - 30% of the order value will be billed in cases of order cancellation upon receipt of order - 80% of the order value will be billed in cases of order cancellation if the goods are already in stock or in transit. - minimum value of order cancellation charge is IDR 2.000.000 (Exclude Tax) per PO

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