
TRUMP international

in the field of Medical Industry

Medical Ultrasonic Cleaner

The first technology in China, world advance, not any damage to medical appliances itself, clean thoroughly, especially for the deep hole, dead hole, and concave grooves etc., up to 99.8% can be cleaned.

Medical Washer-Disinfector

Medical Clean Bench

Biological Safety Cabinet

Laboratory Aerosol Absorber

Medical Refrigerator and Freezer

Laboratory Aerosol Absorber

Medical Refrigerator and Freezer

Medical Ultrasonic Cleaner

TRUMP 001 Bench top Digital control Ultrasonic Cleaner

The digital control ultrasonic cleaner is designed according to hospital appliance. It is used to wash large numbers of equipments of high clean level, such as scalpel, artery clamp, forceps, inject pinhead, various injector, tube, cullet, dressing bowl, kinds of tray, drum and so on, of radioactivity or pollution. It is necessary equipment in surgery, supply and sterilization center in hospital.

Main function:

- Digital display the date manufactured
- Digital display the memorized and set washing time and power
- Digital display the memorized and set heating temperature and actual temperature
- Digital display protect indication of low solution level and non-solution
- Electric controlled feed-water and drain-water
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indication of over-temperature, over-voltage and over-current
- Manual muffle cover, made of stainless steel



Main technological data

Type	100	150	300	500
Dimension L×W×H (mm)	410×260×260	410×260×360	410×350×360	610×410×360
Washing trough dimension L×W×H (mm)	300×150×138	300×150×188	300×240×188	500×300×188
Capacity (L)	6	8	13	28
Ultrasonic frequency(kHz)	40	40	40	40

Ultrasonic power(W)	100	150	300	500
Power adjustable%	40-100	40-100	40-100	40-100
Heating power(W)	500	500	500	500
Temperature adjustable(°C)	20	80	20	80
Time adjustable(min)	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999

TRUMP 002 Digital control Drenching trough

The digital control drenching trough is matched with ultrasonic cleaner, designed according to hospital appliance. It is used to drench large numbers of equipments of high clean level, such as scalpel, artery clamp, forceps, inject pinhead, various injector, tube, cullet, dressing bowl, kinds of tray, drum and so on, of radioactivity or pollution. It is necessary equipment in surgery, supply and sterilization center in hospital.

Main function:

- Digital display the date manufactured
- Digital display the memorized and set drenching time and power
- Digital display the memorized and set heating temperature and actual temperature
- Digital display protect indication of low solution level and non-solution
- Electric controlled feed-water and drain-water
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indication of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	600-A	600-AD	S600-A	S600-AD	1000-A	1000-AD	S1000-A	S1000-AD
Dimension L×W×H (mm)	800×440×800	800×440×800	800×440×800	800×440×800	800×540×800	800×540×800	800×540×800	800×540×800
Trough dimension L×W×H(mm)	600×200×288	600×200×288	600×200×288	600×200×288	600×300×288	600×300×288	600×300×288	600×300×288
Capacity (L)	35	35	35	35	52	52	52	52
Drenching power (W)	500	500	500	500	500	500	500	500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	10000	Steam	10000	Steam	10000	Steam	10000	Steam
Temperature adjustable(°C)	20-45	20-45	20-45	20-45	20-45	20-45	20-45	20-45
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999
Muffle cover	Manual	Manual	Electric	Electric	Manual	Manual	Electric	Electric

Type	S1200-A	S1200-AD	1500-A	1500-AD	S1500-A	S1500-AD	1800-A	1800-AD
Dimension L×W×H (mm)	800×640×800	800×640×800	800×740×800	800×740×800	800×740×800	800×740×800	800×840×800	800×840×800
Trough dimension L×W×H (mm)	600×400×288	600×400×288	600×500×288	600×500×288	600×500×288	600×500×288	600×600×288	600×600×288
Capacity (L)	69	69	86	86	86	86	103	103
Drenching power(W)	500	500	500	500	500	500	500	500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	10000	Steam	10000	Steam	10000	Steam	10000	Steam
Temperature adjustable(°C)	20-45	20-45	20-45	20-45	20-45	20-45	20-45	20-45
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999
Muffle cover	Electric	Electric	Manual	Manual	Electric	Electric	Manual	Manual

TRUMP 003 Digital control Ultrasonic Cleaner

The digital control ultrasonic cleaner is designed according to hospital appliance. It is used to wash large numbers of equipments of high clean level after drenching, such as scalpel, artery clamp, forceps, inject pinhead, various injector, tube, cullet, dressing bowl, kinds of tray, drum and so on, of radioactivity or pollution. It is necessary equipment in surgery, supply and sterilization center in hospital.

Main function:

- Digital display the date manufactured
- Digital display the memorized and set washing time and power
- Digital display the memorized and set heating temperature and actual temperature
- Digital display protect indication of low solution level and non-solution
- Electric controlled feed-water and drain-water
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indication of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	600	600-D	S600	S600-D	1000	1000-D	S1000	S1000-D
Dimension L×W×H (mm)	800×440×800	800×440×800	800×440×800	800×440×800	800×540×800	800×540×800	800×540×800	800×540×800
Trough dimension L×W×H(mm)	600×200×288	600×200×288	600×200×288	600×200×288	600×300×288	600×300×288	600×300×288	600×300×288
Capacity (L)	35	35	35	35	52	52	52	52
Ultrasonic frequency(kHz)	40	40	40	40	40	40	40	40
Ultrasonic power(W)	600	600	600	600	1000	1000	1000	1000
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	8000	Steam	8000	Steam	8000	Steam	8000	Steam
Temperature adjustable(°C)	20-80	20-80	20-80	20-80	20-80	20-80	20-80	20-80
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999
Muffle cover	Manual	Manual	Electric	Electric	Manual	Manual	Electric	Electric
Type	S1200	S1200-D	1500	1500-D	S1500	S1500-D	1800	1800-D
Dimension L×W×H (mm)	800×640×800	800×640×800	800×740×800	800×740×800	800×740×800	800×740×800	800×840×800	800×840×800
Trough dimension L×W×H (mm)	600×400×288	600×400×288	600×500×288	600×500×288	600×500×288	600×500×288	600×600×288	600×600×288
Capacity (L)	69	69	86	86	86	86	103	103
Ultrasonic frequency(kHz)	40	40	40	40	40	40	40	40
Ultrasonic power(W)	1200	1200	1500	1500	1500	1500	1800	1800
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	8000	Steam	8000	Steam	8000	Steam	8000	Steam
Temperature adjustable(°C)	20-80	20-80	20-80	20-80	20-80	20-80	20-80	20-80
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999

Muffle cover	Electric	Electric	Manual	Manual	Electric	Electric	Manual	Manual
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TRUMP 004 Digital control Ultrasonic Rinsing trough

The digital control ultrasonic rinsing trough is designed according to hospital appliance. It is used to rinse large numbers of equipments of high clean level after washing, such as scalpel, artery clamp, forceps, inject pinhead, various injector, tube, cullet, dressing bowl, kinds of tray, drum and so on, of radioactivity or pollution. It is necessary equipment in surgery, supply and sterilization center in hospital.

Main function:

- Digital display the date manufactured
- Digital display the memorized and set rinsing time and power
- Digital display the memorized and set heating temperature and actual temperature
- Digital display protect indication of low solution level and non-solution
- Electric controlled feed-water and drain-water
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indication of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	600-B	600-BD	S600-B	S600-B D	1000-B	1000-B D	S1000-B	S1000-BD
Dimension L×W×H (mm)	800×440×800	800×440×800	800×440×800	800×440×800	800×540×800	800×540×800	800×540×800	800×540×800
Trough dimension L×W×H(mm)	600×200×288	600×200×288	600×200×288	600×200×288	600×300×288	600×300×288	600×300×288	600×300×288
Capacity (L)	35	35	35	35	52	52	52	52
Ultrasonic frequency(kHz)	40	40	40	40	40	40	40	40
Ultrasonic power(W)	600	600	600	600	1000	1000	1000	1000
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	10000	Steam	10000	Steam	10000	Steam	10000	Steam
Temperature adjustable(°C)	20-80	20-80	20-80	20-80	20-80	20-80	20-80	20-80
Time adjustable(mi n)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999
Muffle cover Type	Manual S1200-B	Manual S1200-BD	Electric 1500-B	Electric 1500-B D	Manual S1500-B	Manual S1500-BD	Electric 1800-B	Electric 1800-B D
Dimension L×W×H (mm)	800×640×800	800×640×800	800×740×800	800×740×800	800×740×800	800×740×800	800×840×800	800×840×800
Trough dimension L×W×H (mm)	600×400×288	600×400×288	600×500×288	600×500×288	600×500×288	600×500×288	600×600×288	600×600×288
Capacity (L)	69	69	86	86	86	86	103	103
Ultrasonic frequency(kHz)	40	40	40	40	40	40	40	40
Ultrasonic power(W)	1200	1200	1500	1500	1500	1500	1800	1800
Power adjustable	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	10000	Steam	10000	Steam	10000	Steam	10000	Steam
Temperature adjustable(°C)	20-80	20-80	20-80	20-80	20-80	20-80	20-80	20-80
Time adjustable(mi n)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999

Muffle cover	Electric	Electric	Manual	Manual	Electric	Electric	Manual	Manual
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TRUMP 005 Digital control flushing trough

The digital control flushing trough is high pressure flushing equipment matched with ultrasonic cleaner, designed according to hospital appliance. It is used to flush large numbers of equipments of high clean level after washing, such as scalpel, artery clamp, forceps, inject pinhead, various injector, tube, cullet, dressing bowl, kinds of tray, drum and so on, of radioactivity or pollution. It is necessary equipment in surgery, supply and sterilization center in hospital.

Main function:

- Digital display the date manufactured
- Digital display the memorized and set high-pressure flushing time and power
- Digital display the memorized and set heating temperature and actual temperature
- Digital display protect indication of low solution level and non-solution
- Electric controlled feed-water and drain-water
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indication of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	600-C	600-CD	S600-C	S600-CD	1000-C	1000-CD	S1000-C	S1000-CD
Dimension L×W×H (mm)	800×440×800	800×440×800	800×440×800	800×440×800	800×540×800	800×540×800	800×540×800	800×540×800
Trough dimension L×W×H(mm)	600×200×288	600×200×288	600×200×288	600×200×288	600×300×288	600×300×288	600×300×288	600×300×288
Capacity (L)	35	35	35	35	52	52	52	52
Flushing power(W)	1500	1500	1500	1500	1500	1500	1500	1500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	10000	Steam	10000	Steam	10000	Steam	10000	Steam
Temperature adjustable(°C)	20-95	20-95	20-95	20-95	20-95	20-95	20-95	20-95
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999
Muffle cover	Manual	Manual	Electric	Electric	Manual	Manual	Electric	Electric
Type	S1200-C	S1200-CD	1500-C	1500-CD	S1500-C	S1500-CD	1800-C	1800-CD
Dimension L×W×H (mm)	800×640×800	800×640×800	800×740×800	800×740×800	800×740×800	800×740×800	800×840×800	800×840×800
Tank dimension L×W×H (mm)	600×400×288	600×400×288	600×500×288	600×500×288	600×500×288	600×500×288	600×600×288	600×600×288
Capacity (L)	69	69	86	86	86	86	103	103
Flushing power(W)	1500	1500	1500	1500	1500	1500	1500	1500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	10000	Steam	10000	Steam	10000	Steam	10000	Steam
Temperature adjustable(°C)	20-95	20-95	20-95	20-95	20-95	20-95	20-95	20-95
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999
Muffle cover	Electric	Electric	Manual	Manual	Electric	Electric	Manual	Manual

TRUMP 006 Digital control oil impregnation Boiling trough

The oil impregnation boiling trough is matched with ultrasonic cleaner, designed according to the hospital appliance. It is used for oil impregnation boiling equipments of large numbers, radioactivity and pollution, after washing, rinsing and flushing, which need high clean level. It is necessarily used in surgery, supply and sterilization center of hospital.

Main function:

- Digital display the date manufactured
- Digital display the memorized and set oil impregnation boiling time and power
- Digital display the memorized and set heating temperature and actual temperature
- Digital display protect indication of low solution level and non-solution
- Electric controlled feed-water and drain-water
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indication of over-temperature, over-voltage and over-current
- Electric controlled feed-oil into boiling trough
- Muffle cover is made of stainless steel



Main technological data

Type	600-D	600-DD	S600-D	S600-D D	1000-D	1000-D D	S1000-D	S1000-DD
Dimension L×W×H (mm)	800×440×800	800×440×800	800×440×800	800×440×800	800×540×800	800×540×800	800×540×800	800×540×800
Trough dimension L×W×H(mm)	600×200×288	600×200×288	600×200×288	600×200×288	600×300×288	600×300×288	600×300×288	600×300×288
Capacity (L)	35	35	35	35	52	52	52	52
Oil impregnation power(W)	500	500	500	500	500	500	500	500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	3000	Steam	3000	Steam	4000	Steam	4000	Steam
Temperature adjustable(°C)	20-98	20-98	20-98	20-98	20-98	20-98	20-98	20-98
Time adjustable(mi n)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999
Muffle cover Type	Manual	Manual	Electric	Electric	Manual	Manual	Electric	Electric
Type	S1200-D	S1200-DD	1500-D	1500-D D	S1500-D	S1500-DD	1800-D	1800-D D
Dimension L×W×H (mm)	800×640×800	800×640×800	800×740×800	800×740×800	800×740×800	800×740×800	800×840×800	800×840×800
Trough dimension L×W×H (mm)	600×400×288	600×400×288	600×500×288	600×500×288	600×500×288	600×500×288	600×600×288	600×600×288
Capacity (L)	69	69	86	86	86	86	103	103
Oil impregnation power(W)	500	500	500	500	500	500	500	500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	5000	Steam	7000	Steam	7000	Steam	8000	Steam
Temperature adjustable(°C)	20-98	20-98	20-98	20-98	20-98	20-98	20-98	20-98
Time adjustable(mi n)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999

Muffle cover	Electric	Electric	Manual	Manual	Electric	Electric	Manual	Manual
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TRUMP 007 Digital control Dry-box

The dry-box is matched with ultrasonic cleaner, designed according to the hospital appliance. It is used for drying equipments of large numbers, radioactivity and pollution, after oil impregnation boiling, which need high clean level. It is necessarily used in surgery, supply and sterilization center of hospital.

Main function:

- Digital display the date manufactured
- Digital display the memorized and set hot air seasoning time and power
- Digital display the memorized and set heating temperature and actual temperature
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indication of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	600-F	600-FD	S600-F	S600-FD	1000-F	1000-FD	S1000-F	S1000-FD
Dimension L×W×H (mm)	800×440×800	800×440×800	800×440×800	800×440×800	800×540×800	800×540×800	800×540×800	800×540×800
Box dimension L×W×H(mm)	600×200×288	600×200×288	600×200×288	600×200×288	600×300×288	600×300×288	600×300×288	600×300×288
Capacity (L)	35	35	35	35	52	52	52	52
Seasoning power(W)	500	500	500	500	500	500	500	500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	3000	Steam	3000	Steam	4000	Steam	4000	Steam
Temperature adjustable(°C)	20-98	20-98	20-98	20-98	20-98	20-98	20-98	20-98
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999
Muffle cover	Manual	Manual	Electric	Electric	Manual	Manual	Electric	Electric

Type	S1200-F	S1200-FD	1500-F	1500-FD	S1500-F	S1500-FD	1800-F	1800-FD
Dimension L×W×H (mm)	800×640×800	800×640×800	800×740×800	800×740×800	800×740×800	800×740×800	800×840×800	800×840×800
Box dimension L×W×H(mm)	600×400×288	600×400×288	600×500×288	600×500×288	600×500×288	600×500×288	600×600×288	600×600×288
Capacity (L)	69	69	86	86	86	86	103	103
Seasoning power(W)	500	500	1000	1000	1000	1000	1000	1000
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	5000	Steam	7000	Steam	7000	Steam	8000	Steam
Temperature adjustable(°C)	20-98	20-98	20-98	20-98	20-98	20-98	20-98	20-98
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480

Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999
Muffle cover	Electric	Electric	Manual	Manual	Electric	Electric	Manual	Manual

TRUMP 008 2-slot Digital control Ultrasonic cleaning flowline

The 2-slot digital control ultrasonic cleaning flowline is composed with ultrasonic washing and ultrasonic rinsing according to hospital appliance. It is used to clean scalpel, artery clamp, forceps, inject pinhead, various injector, tube, culet, dressing bowl, kinds of tray, drum and so on, of radioactivity or pollution. It is necessarily used in surgery, supply and sterilization center of hospital.



Main technological data

Type	Dimension L×W×H (mm)	1-slot	2-slot
600	1600×440×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
600.D	1600×440×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
S600	1600×440×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
S600.D	1600×440×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
1000	1600×540×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
1000.D	1600×540×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
S1000	1600×540×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
S1000.D	1600×540×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
1200	1600×640×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
1200.D	1600×640×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
S1200	1600×640×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
S1200.D	1600×640×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
1500	1600×740×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
1500.D	1600×740×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
S1500	1600×740×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
S1500.D	1600×740×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
1800	1600×840×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
1800.D	1600×840×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough

S1800	1600×840×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough
S1800.D	1600×840×800	Digital control ultrasonic cleaner	Digital control ultrasonic rinsing trough

TRUMP 009 3-slot Digital control Ultrasonic cleaning flowline

The 3-slot digital control ultrasonic cleaning flowline is composed with ultrasonic washing, ultrasonic rinsing and electric hot air seasoning, designed according to hospital appliance. It is used to clean large numbers of equipments of radioactivity or pollution, which need high clean level. It is necessarily used in surgery, supply and sterilization center of hospital.



Main technological data

Type	Dimension L×W×H (mm)	1-slot	2-slot	3-slot
600	2400×440×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
600.D	2400×440×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
S600	2400×440×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
S600.D	2400×440×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
1000	2400×540×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
1000.D	2400×540×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
S1000	2400×540×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
S1000.D	2400×540×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
1200	2400×640×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
1200.D	2400×640×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
S1200	2400×640×800	Digital control ultrasonic cleaner	Digital ultrasonic control rinsing trough	Digital control dry-box
S1200.D	2400×640×800	Digital control	Digital control	Digital control

		ultrasonic cleaner	ultrasonic trough	rinsing	dry-box
1500	2400×740×800	Digital control ultrasonic cleaner	Digital ultrasonic trough	control rinsing	Digital control dry-box
1500.D	2400×740×800	Digital control ultrasonic cleaner	Digital ultrasonic trough	control rinsing	Digital control dry-box
S1500	2400×740×800	Digital control ultrasonic cleaner	Digital ultrasonic trough	control rinsing	Digital control dry-box
S1500.D	2400×740×800	Digital control ultrasonic cleaner	Digital ultrasonic trough	control rinsing	Digital control dry-box
1800	2400×840×800	Digital control ultrasonic cleaner	Digital ultrasonic trough	control rinsing	Digital control dry-box
1800.D	2400×840×800	Digital control ultrasonic cleaner	Digital ultrasonic trough	control rinsing	Digital control dry-box
S1800	2400×840×800	Digital control ultrasonic cleaner	Digital ultrasonic trough	control rinsing	Digital control dry-box
S1800.D	2400×840×800	Digital control ultrasonic cleaner	Digital ultrasonic trough	control rinsing	Digital control dry-box

TRUMP 010 Lifting type Digital control Ultrasonic Cleaner

The lifting type digital control ultrasonic cleaner is designed according to hospital appliance. It is used to wash large numbers of equipments of high clean level, such as scalpel, artery clamp, forceps, inject pinhead, various injector, tube, cullet, dressing bowl, kinds of tray, drum and so on, of radioactivity or pollution. It is necessary equipment in surgery, supply and sterilization center in hospital.

Main function:

- The date of manufacture is digital displayed
- The memorized and set washing time is digital displayed
- The memorized and set washing power is digital displayed
- The memorized and set heating temperature and actual temperature are digital displayed
- Protect indications of low solution level and non-solution are digital displayed
- Electric controlled feed-water and drain-water
- Electric controlled elevating gear, which muffles noise
- Singlechip soft ware is applied in operating procedure
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indications of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	E600	E600.D	E1000	E1000. D	E1200	E1200. D	E1500	E1500. D
Dimension L×W×H (mm)	800×40 0×2000	800×40 0×2000	800×50 0×2000	800×50 0×2000	800×60 0×2000	800×60 0×2000	800×70 0×2000	800×70 0×2000
Trough dimension L×W×H(mm)	600×20 0×400	600×20 0×400	600×30 0×400	600×30 0×400	600×40 0×400	600×40 0×400	600×50 0×400	600×50 0×400
Capacity (L)	48	48	72	72	96	96	120	120
Ultrasonic frequency(kHz)	40	40	40	40	40	40	40	40
Ultrasonic power(W)	600	600	1000	1000	1200	1200	1500	1500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	3000	Steam	4000	Steam	5000	Steam	7000	Steam
Temperature	20-80	20-80	20-80	20-80	20-80	20-80	20-80	20-80

adjustable(°C)								
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999

TRUMP 011 Lifting type Digital control Ultrasonic Rinsing trough

The lifting type digital control ultrasonic rinsing trough is designed according to hospital appliance. It is used to rinse large numbers of equipments of high clean level after washing, such as scalpel, artery clamp, forceps, inject pinhead, various injector, tube, cullet, dressing bowl, kinds of tray, drum and so on, of radioactivity or pollution. It is necessary equipment in surgery, supply and sterilization center in hospital.

Main function:

- The date of manufacture is digital displayed
- The memorized and set rinsing time is digital displayed
- The memorized and set rinsing power is digital displayed
- The memorized and set heating temperature and actual temperature are digital displayed
- Protect indications of low solution level and non-solution are digital displayed
- Electric controlled feed-water and drain-water
- Electric controlled elevating gear, which muffles noise
- Singlechip soft ware is applied in operating procedure
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indications of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	T600-B	T600-B.D	T1000-B	T1000-B.D	T1200-B	T1200-B.D	T1500-B	T1500-B.D
Dimension L×W×H (mm)	800×440×1800	800×440×1800	800×540×1800	800×540×1800	800×640×1800	800×640×1800	800×740×1800	800×740×1800
Trough dimension L×W×H(mm)	600×200×288	600×200×288	600×300×288	600×300×288	600×400×288	600×400×288	600×500×288	600×500×288
Capacity (L)	48	48	72	72	96	96	120	120
Ultrasonic frequency(kHz)	40	40	40	40	40	40	40	40
Ultrasonic power(W)	600	600	1000	1000	1200	1200	1500	1500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	3000	Steam	4000	Steam	5000	Steam	7000	Steam

Temperature adjustable(°C)	20-80	20-80	20-80	20-80	20-80	20-80	20-80	20-80
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999

TRUMP 012 Lifting type Digital control Flushing trough

The lifting type digital control flushing trough is designed according to hospital appliance. It is used to high pressure flush large numbers of equipments of high clean level after washing, such as scalpel, artery clamp, forceps, inject pinhead, various injector, tube, cullet, dressing bowl, kinds of tray, drum and so on, of radioactivity or pollution. It is necessary equipment in surgery, supply and sterilization center in hospital.

Main function:

- The date of manufacture is digital displayed
- The memorized and set high pressure flushing time is digital displayed
- The memorized and set high pressure flushing power is digital displayed
- The memorized and set heating temperature and actual temperature are digital displayed
- Protect indications of low solution level and non-solution are digital displayed
- Electric controlled feed-water and drain-water
- Electric controlled elevating gear, which muffles noise
- Singlechip soft ware is applied in operating procedure
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indications of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	T600-C	T600-C .D	T1000-C	T1000-C.D	T1200-C	T1200-C.D	T1500-C	T1500-C.D
Dimension L×W×H (mm)	800×440×800	800×440×800	800×540×800	800×540×800	800×640×800	800×640×800	800×740×800	800×740×800
Trough dimension L×W×H(mm)	600×200×400	600×200×400	600×300×400	600×300×400	600×400×400	600×400×400	600×500×400	600×500×400
Capacity (L)	48	48	72	72	96	96	120	120
Flushing power(W)	500	500	500	500	500	500	500	500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	3000	Steam	4000	Steam	5000	Steam	7000	Steam

Temperature adjustable(°C)	20-98	20-98	20-98	20-98	20-98	20-98	20-98	20-98
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999

TRUMP 013 Lifting type Digital control oil impregnation Boiling trough

The lifting type digital control oil impregnation boiling trough is matched with ultrasonic cleaner, designed according to the hospital appliance. It is used for oil impregnation boiling equipments of large numbers, radioactivity and pollution, after washing, rinsing and flushing, which need high clean level. It is necessarily used in surgery, supply and sterilization center of hospital.

Main function:

- The date of manufacture is digital displayed
- The memorized and set oil impregnation boiling time is digital displayed
- The memorized and set oil impregnation boiling power is digital displayed
- The memorized and set heating temperature and actual temperature are digital displayed
- Protect indications of low solution level and non-solution are digital displayed
- Electric controlled feed-water and drain-water
- Electric controlled elevating gear, which muffles noise
- Singlechip soft ware is applied in operating procedure
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indications of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	T600-D	T600-D .D	T1000-D	T1000-D.D	T1200-D	T1200-D.D	T1500-D	T1500-D.D
Dimension L×W×H (mm)	800×440×800	800×440×800	800×540×800	800×540×800	800×640×800	800×640×800	800×740×800	800×740×800
Trough dimension L×W×H(mm)	600×200×400	600×200×400	600×300×400	600×300×400	600×400×400	600×400×400	600×500×400	600×500×400
Capacity (L)	48	48	72	72	96	96	120	120
Oil impregnation power(W)	500	500	500	500	500	500	500	500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	3000	Steam	4000	Steam	5000	Steam	7000	Steam

Temperature adjustable(°C)	20-98	20-98	20-98	20-98	20-98	20-98	20-98	20-98
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999

TRUMP 014 Lifting type Digital control Dry-box

The lifting type digital control dry-box is matched with ultrasonic cleaner, designed according to the hospital appliance. It is used for hot air seasoning equipments of large numbers, radioactivity and pollution, after washing, rinsing and flushing, which need high clean level. It is necessarily used in surgery, supply and sterilization center of hospital.

Main function:

- The date of manufacture is digital displayed
- The memorized and set hot air seasoning time is digital displayed
- The memorized and set hot air seasoning power is digital displayed
- The memorized and set heating temperature and actual temperature are digital displayed
- Protect indications of low solution level and non-solution are digital displayed
- Electric controlled feed-water and drain-water
- Electric controlled elevating gear, which muffles noise
- Singlechip soft ware is applied in operating procedure
- Supporting net is made of stainless steel, argon weld shaped
- Inside and outside body cases are made of stainless steel
- Digital display accumulative total working time
- Digital display protect indications of over-temperature, over-voltage and over-current
- Muffle cover is made of stainless steel



Main technological data

Type	T600-F	T600-F.D	T1000-F	T1000-F.D	T1200-F	T1200-F.D	T1500-F	T1500-F.D
Dimension L×W×H (mm)	800×440×800	800×440×800	800×540×800	800×540×800	800×640×800	800×640×800	800×740×800	800×740×800
Trough dimension L×W×H(mm)	600×200×400	600×200×400	600×300×400	600×300×400	600×400×400	600×400×400	600×500×400	600×500×400
Capacity (L)	48	48	72	72	96	96	120	120
Oil impregnation power(W)	500	500	500	500	500	500	500	500
Power adjustable%	40-100	40-100	40-100	40-100	40-100	40-100	40-100	40-100
Heating power(W)	3000	Steam	4000	Steam	5000	Steam	7000	Steam

Temperature adjustable(°C)	20-98	20-98	20-98	20-98	20-98	20-98	20-98	20-98
Time adjustable(min)	1-480	1-480	1-480	1-480	1-480	1-480	1-480	1-480
Accumulative total time(h)	999999	999999	999999	999999	999999	999999	999999	999999

Medical Clean Benches

Widely used in medicine, pharmacy and laboratories to get non-microorganisms, non-dust and clean conditions.

Features:

- Vertical flow, work closed flat makes air outside and harmful smell prevented.
- Adjustable air quantity and fan system, touch switch to adjust voltage and wind speed in work area in good condition.
- Table surface is made of high quality stainless-steel.



Model	TRUMP-N-03	TRUMP-N-01	TRUMP-N-02	TRUMP-N-04
Cleanliness	CLASS 100	CLASS 100	CLASS 100	CLASS 100
Average wind speed	0.3-0.6m/s (Adjustable)	0.3-0.6m/s (Adjustable)	0.3-0.6m/s (Adjustable)	0.3-0.6m/s (Adjustable)
Noise	≤60dB (A)	≤60dB (A)	≤60dB (A)	≤60dB (A)
Vibration and semi-peak value	≤ 3Vm	≤ 3Vm	≤ 4Vm	≤ 4Vm
Illuminance	≥300LX	≥300LX	≥300LX	≥300LX
Daylight & u.v lamp	18W× ϕ 20W× ϕ	18W× ϕ 20W× ϕ	18W× ϕ 20W× ϕ	18W× ϕ 20W× ϕ
Maximum power	0.4kw	0.4kw	0.8kw	0.8kw
Voltage	220V 50Hz	220V 50Hz	220V 50Hz	220V

				50Hz
Specification and quality of (HEPA)	820×600×50×φ	820×600×50×φ	610×610×50×φ	610×610×50×φ
Size of working room L×W×H(mm)	880×680×470	880×700×470	1310×680×470	1310×700×470
Outer size L×W×H(mm)	1040×770×1730	1040×790×1730	1490×770×1760	1490×790×1760
Overall dimension of packing(mm)	1240×920×1900	1240×990×1900	1700×920×1900	1700×990×1900
(NG) (kg)	160	160	200	200
(GW) (kg)	225	225	305	305
Operator(s)	1	1	2	2
Container load (sets)20'/40'/40'H	8/18/18	8/18/18	6/14/14	6/14/14

Medical Washer-Disinfector

This product is designed for washing and disinfecting the breath pipe, plastic material tools, medical container, flasks, test tubes, breakers, petridishes, endoscope etc.

Stable and reliable

PLC control, precise, stable, reliable, touching screen display6, operating easily, parameter real-time display, direct viewing.

Safety nature

Strictly encapsulating measure confirm that the moisture can not run out: air pressure unit the connected with the door can avoids the door body falling down quickly when close the door.

Dual door interlocking

Both side door can be set to be interlocked, so the two doors can not be open at the same time, there is a safety curtain between the clean area and the dirty area.

Self-selection program

Preset many program according to different requirement by different thing, the parameters of the washing tie and temperature can be adjusted according to different requirement.

Self-cleaning program

Has self-cleaning program, it can clean the pipe run and bore, so it avoids the bacteria accumulating and avoids the pipe being blocked.

Spraying and drying

Unique rotary spray jet can spray heavy pressure current, it can eject from any angle, confirm that any area can be cleaned; high efficient dry function can dry the inner and outer surface of all kinds of things.

Complete matching parts

Provide all kinds of washing shelves and washing basket, can meet all washing requirements.

High efficient filtering

In the heating progress, high efficient air filter unit ensure the air clean degree, so it can prevent the washed things from being polluted.



Specification

Models	Efficient volume	Voltage	Exterior Dimensions (WxDxH)	Standard parts	Heating method	Washing temperature	Washing time
TRUMP-W-0 1	280L	380V	930×700×1840mm	four layers adjustable washing shelves, standard washing basket (eight sets)	Electrical heating	Normal temperature to 93℃ (adjustable)	Gaiven value (adjustable)
TRUMP-W-0 2	150L	220V	610×600×1160mm	two layers adjustable washing shelves, standard washing basket (four sets)	Electrical heating	Normal temperature to 93℃ (adjustable)	Gaiven value (adjustable)
TRUMP-W-0 3	50L	220V	510×470×730mm	one layer adjustable washing shelves, standard washing basket(two sets)	Electrical heating	Normal temperature to 93℃ (adjustable)	Gaiven value (adjustable)

Biological Safety Cabinets

TRUMP-BSC-01



Introduction: Equipments from Italy, Japan and Switzerland, with the international advanced technologies the quality is the first in the world .

Advantages:

1. Original Appearance

Original appearance is more perfect. Visual angle is more expands with a 10°C gradient in the front panel. The internal angle of work area adopts R-20 seamless round corner.

2. Remote control

A special remote control is used. 7mm thickness and 18 grams makes it convenient to take along with and avoids the direct contact between user and Biological Safety Cabinets to prevent cross infection. It adopts Japanese NEC remote control s chip with many characteristics of anti-interference function, far control distance, high control accuracy etc.

3. Reserved Timer

Biological Safety Cabinets shall be disinfected no less than 30 minutes before operation. Therefore, the operators have to wait for 30 minutes everyday before start working. Our cabinets were manufactured with the special reserved function that you can set the time and function of starting. The cabinets have gotten ready for work before the operators' arrival and raise work efficiency.

4. VFD Display

Considered with LED, LCD, it shall demonstrate various colors with high bright, even in the evening. It shall work no less than 30.000 hours continually. In another word it can keep working for about ten years. And the service life is twice as long as that of LCD, LED.

Technical Parameter

Technical Parameter	
Material	<p>Workroom interior is made of type 300 stainless steel.</p> <p>Front panel is made of toughened glass, which cannot be caused negative effect by cleanliness and sterilization. Thickness of front panel is no less than 5mm.</p> <p>99.999% efficient HEPA filters, which meet the demand of temperature, humidity, corrosion proof and mechanical strength.</p> <p>Filtering material is made of superfine fiberglass, which will not cause adverse impact on personnel, environment and facility.</p>
Cabinets	Work area adopts R20 three-side jointless fillet structure to enhance the self-cleaning function. Design of base stand is unique. Space between cabinets and floor makes cleaning easier.
Front Panel	The structure of front panel avoids danger to operator when suspended system cannot work correctly. Alarm device assure the safety of experiment in the specialized range.
Base stand and footrest	Burliness, simple design, no uncovered screw thread. Both of them can adjust the horizontality and stability of cabinets.
Motor	<p>a. Thermal protection device assure the steady operation in the condition of 1.15 times of voltage rating.</p> <p>b. Actiyator is installed behind the demountable and lockable control panel.</p>
Collecting Tank	The capacity of the collecting tank is no less than 4000ml, which was used to collect the spatters of work area and there is no obvious leak and pervasion within one hour. One drain valve under collecting tank and it is convenient for cleanliness.
Front Penal Alarm Device	Automatic audible and visual alarm device will warn us when the height is more than specialized range.
Leakproof	The parts of welding, gasket and sealing of the outer surface of pressure ventilation system has no bubble under the soap bubble experiment on the condition that the inner pressure of cabinets is $500\text{Pa} \pm 10\%$.
HEPA Filter	<p>The filterability of every point, which measuring the filterable substances that can be scanned and detected is no more than 0.01%.</p> <p>The filterability of every point, which measuring the filterable substances that cannot be scanned and detected is no more than 0.005%.</p>
Noise	Noise is no more than 55dB (A).
Lighting	Average illumination is no less than 680Lux.
Vibration	The net displacement is no more than $3\mu\text{m}$ (rms) when the frequency is from 10Hz to 10kHz.

Downflow Velocity	Average downflow velocity is $0.37 \pm 0.015\text{m/s}$.
Inflow Velocity	Average inflow velocity is $0.65 \pm 0.015\text{m/s}$.
Stability	The core part of work surface can stand more 23kg pressure without permanent distortion.
Temperature Rise	The core temperature of work area will higher than the outer environment after 4 hours' continuous work, but the difference is less than 8°C .
Electrical Receptacle	Vaporization for one minute, the equipments with the power no more than 800W will work normally.
Clean level	10 th class.
Biosafety	Personnel safety: Hammerblow samples < 10CUF/time. Slit samples < 5CUF/time. Product safety: The microorganism germ falls < 5CUF/time. Cross infection safety: The microorganism germ falls < 2CUF/time.

TRUMP-BSC-2, 3, 4

Introduction:

Applied in microorganism, biology engine and some place which have rigorous requirement to working environment. This kind of cabinets can prevent efficiently pathogenic microorganism, microorganism, genes and etc. from diffusing. Also the cabinets can obstruct the contamination to operator from these materials. So the cabinets can supply non-bacteria and non-dust working condition for medical treatment, medical producing and science research.



Advantages:

Detachable structure:

Comply with human body working fundamental 10° tilt angle design, so the operators will feel comfortable.

The bracket can be detached from the cabinet body, and has many optional brackets.

The front board can be detached and washed, the flow motor and the filter can be maintained and changed at front, don't need to move the cabinet body.

Visual front screen:

Adopt safety ultraviolet ray intercepting glass, the height of the glass screen can be adjusted according to requirement, the sound and light alarm will work when exceeding



the safe height. Patent technology balancer suspension system, safe and reliable.

Inner cabinet:

Adopting 304 stainless-steel, left, right and back inwall formed together, arc angle filter ensuring everywhere is clean.

Left, right, back and bottom of the working area have negative pressure pathway.

Whole body forming work table adopts pallet structure, so it is easy to detached and washed.

Equipped safe anti-explosion, anti-splash power socket, water and cocket.

Vertical laminar flow negative pressure, air curtain type isolation design, this ensuring the operator safe, avoiding cross infection, complying with the criteria of YY 0569-2005II biological safety cabinets.

Innovated air flow isolation technology avoids leaking out from the seam of the front screen.

Ultra high efficient filter system:

The inflowing system adopts ULPA high efficient filter, and its efficient is more than 99.999%, has filter lifespan display function.

Has filter real-time alarm function.

Safety control system:

- alarm for low air exhaust value
- alarm for low air-velocity of down laminar flow
- alarm for fault of exhaust fan
- alarm for closing condition of visible window when the visible window is opened, the UV light will be closed automatically.
- When the fluorescent light is on working, the UV light will be closed automatically.
- When the blower begin to work and then the UV light will be off after air laminar flow is created.
- The blower will be off automatically if the exhaust fan happens some trouble. The exhaust fan will increase his rotate speed automatically in order to keep the working space in negative pressure inside cabinet in case something wrong happens with the blower.
- Microprocessor will counteract the gradually increased resistance in filter. It will keep air inflow and down flow in normal condition under any conditions.

Specifications

Model	TRUMP-BSC-2	TRUMP-BSC-3	TRUMP-BSC-4
Cleanliness Class	CLASS 100	CLASS 100	CLASS 100
Downflow Air Velocity	≥0.3±0.02m/s	≥0.3±0.02m/s	≥0.3±0.02m/s
Inflow Air Velocity	≥0.6m/s	≥0.6m/s	≥0.6m/s
Illumination	≥800Lx	≥800Lx	≥800Lx
Noise	≤62dB (A)	≤62dB (A)	≤62dB (A)
UV light	≥30w	≥30w	≥30w
Exterior Dimensions	1360×780×2200	1930×780×2200	1360×780×2400
Interior Dimensions	1200×610×680	1734×610×680	1200×610×680
Packing Dimensions	1490×880×2020	2090×880×2020	1490×880×2120
Operator	1	2	1
Container load (sets)	6/16/16	6/13/13	6/16/16

20'40'40'H			
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Laboratory Aerosol Absorber TRUMP-LAA-128



Introduction

When doing experiment, Aerosol appears easily. It is known for us aerosol is a badly infective medium. Laboratory aerosol absorber adsorbs dust and particle efficiently to protect worker environment. Performance

1. Reach Class 100 of cleanliness Classes at air outlet.
2. Adsorb the biohazard aerosol efficiently in the lab.
3. Reduce the replacement frequency of the filter in biosafety cabinet.
4. Adopt the advanced wind-driven system with a special outlet design, the noise < 60dB.
5. Various installation types, such as group installation, hanging, ceiling-sticked installation and so on.

Parameters:

Air velocity (high/low)	> 0.3/0.2 (m/s) at exhaust outlet	> 1.35/1.2 (m/s) at air inlet	
Noise	< 60dB		
External size (mm)	900×60×1400 (L×W×H)		
Power	220V	50Hz	240W
Exhaust volume(high/low)	250/210 m ³ /h (exhaust)		
Air Cleanliness at outlet	Class 100		

Medical Freezer

Blood bank refrigerator



A-04

Temperature control

Microprocessor control and electrical boosting system ensuring a constant temperature range: $4^{\circ}\text{C} \pm 1^{\circ}\text{C}$

Digital display of average temperature, upper and lower setpoints with resolution 0.1°C for observation and monitoring of cabinet temperature

Adjustable temperature control range $+2^{\circ}\text{C}$ to $+8^{\circ}\text{C}$ and increment 0.5°C , factory pre-set to $+4^{\circ}\text{C}$

Safety control system

Dual display of operation information (Digital display and recorder)

Alarm for five defects (over temperature and under temperature, power failure, sensor defect, door opening, low voltage of battery backup)

Three warning performances (audible/visual and remote signal)

Dual system of temperature data recording when power fails (digital display and recorder)

Dual safety operation programs (sensor defect and disorganized digits)

Ergonomic design

Safety lock to prevent accidental access

Large LED for temperature information

Sorted blood storage to ease accesses

Wide voltage for 187~242V power supply

Wide climatization for operation at $10^{\circ}\text{C} \sim 35^{\circ}\text{C}$ (ambient temperature)

Transparency design

Outer door free from dew and vapor under 90% humidity due to application of advanced technology

Inner doors transparency design (TRUMP-A-03/02)

Patented blood storage box, convenient and visible for observation from outside (Except TRUMP-A-01)



A-01



A-02



A-03



- Temperature recorders
- Circular chart, 7-days temperature recorders
- Use pressure sensitive chart paper
- No inking is required

- Temperature recorder printer
- It is very convenient for operating and getting data.



A-05

Model No.	TRUMP-A-05	TRUMP-A-04	TRUMP-A-03	TRUMP-A-02	TRUMP-A-01
Liters	936	576	306	206	106
Input power	930W	480W	520W	400W	160W
Temp. range	4±1°C				
Precision	0.1°C				
Uniformity	±0.7°C				
Voltage	220V~240V/50Hz				
Temperature control	Microprocessor control				
Power failure alarm	Audible and visual alarm(72hours)				
Cabinet	Upright, stainless-steel chamber				
Door	Double glass door	Single glass door			
Foam insulation	High-density CFC-free urethane				
Compressor	Danfoss compressor				
Refrigerator	R134a				
Door lock	1				
Casters	4				
Interior light	35W*2	8W*1			
Charge battery	DM8-6 (8V6AH)				
Shelves/Box	6/42	6/24	5/20	3/12	3/3
Exterior dimensions (W×D×H)mm	770×1130×2195	742×700×2195	700×740×1835	700×740×1419	500×514×1055
Interior dimensions (W×D×H)mm	590×1025×1560	640×590×1560	625×455×1150	620×455×734	427×358×821
Packing dimensions (W×D×H)mm	1158×714×2250	822×800×2254	840×895×2025	800×780×1561	567×615×1110
Storage capacity	320bags/450ml	400bags/200ml	240bags/200ml	144bags/200ml	54bags/200ml



Net/gross weight(kg)	232
Container load(sets) 20'/40'/40'H	16/3

115	49/52
5/45	72/152/15 2

2~8°C Pharmaceutical

Forced-Air Circulation

This pharmaceutical refrigerator product is applicable to drug prevention services and clinics,

Control system

Microprocessor control with large LED temperature display.

Forced-Air Circulation system ensuring a constant cabinet temperature range of 2°C~8°C

Cooling system

Forced-Air Circulation structure and reasonable design of air channel and airflow for constant temperature uniformity and stability. Application of condensate evaporator to increase cooling coverage and temperature reduction efficiency.

Safety system

Alarm for two defects (over high or low temperature and sensor failure)

Tow warning performances (audible/visual), and the audible alarm can be canceled.

Comply with IEC601-1-1988.

Ergonomic design

Multilevel shelves adjustable for accommodation of pharmacy with varied dimensions.

Safety lock to prevent accidental access

Large LED for temperature information

Wide voltage band design for fluctuant power supply with 220V±10% /50Hz

Operation in 10°C~35°C ambient temperature, humidity under 60%.

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Model No.	TRUMP-B-01	TRUMP-B-02	TRUMP-B-03	TRUMP-B-04
Liters	940	580	360	260
Input power	930W	420W	310W	220W
Temp. range	2~8°C			
Precision	0.1°C			0.1°C
Uniformity	±1°C			±1°C
Voltage	220V/50Hz			
Temperature control	Microprocessor control			
Over temperature and undertemperature	Audible and visual alarm			
Cabinet	Upright			
Door	Double glass	Single glass		Single glass
Foam insulation	High-density CFC-free urethane			
Compressor	Danfoss compressor			
Refrigerator	R134a			

Door lock	1			4
Casters	4			No
Interior light	35W*2	8W*1		
Shelves	6	6	5	4
Exterior dimensions (W×D×H)mm	1130×700×219 5	742×700×219 5	620×655×195 5	620×655×182 0
Interior dimensions (W×D×H)mm	1025×590×156 0	640×590×156 0	451×530×140 0	451×530×112 0
Packing dimensions (W×D×H)mm	1158×714×225 0	822×800×225 4	715×705×203 5	715×705×195 5
Net/gross weight (kg)	230/250	142/178	99/114	88/100
Container load(sets) 20'/40'/40'H	16/32/32	14/20/20	24/51/51	24/51/51

0~8°C Ice-lined Refrigerators

Manual Defrost

This refrigerator is designed for storage of vaccines, pharmaceuticals and blood.

This product is designed for epidemic prevention services, clinics, hospitals, blood banks and medical research institute.

Temperature control

Application of mechanical controller and digital temperature display, ensuring cabinet temperature in 0°C~8°C (the lowest temperature can reach -25°C). And we also offer the ice-lined refrigerator with a knob changing freezer and refrigerator.

Ergonomic design

Safety lock to prevent accidental access

Stainless steel inner liner, durable and rust free

Cooling system

High efficient Danfoss compressor for swift cooling performance using CFC-free refrigerant with fan to cool down the compressor. And it is protected with special compound against rust formation with steel tubes.

The container walls are lined with plastic boxes (0.4 liter) filled with water. When the unit is in operation, this water forms an ice lining serving as an ice pack in the event of a power cut. Foamed-in skin condenser saves energy, prevent corrosion and no cleaning necessary. Foamed-in freezing coils 'evaporator' in contact with. Ice-packs (56 qty. for TRUMP-C-02 and 34 qty. for TRUMP-C-01) of 0.4L to all around the cabinet. 100mm Polyurethane foam and dual inner liner free from ice pack in between, ensuring that the cabinet temperature hold over more than 24 hours when the power is cut down.

Control panel situated at the front of the unit. With knob for thermostat adjusting temperature inside cabinet and temperature digital display can indicate the actual temperature of cabinet. Also there is a green light can indicate the power-on condition.

Strict tests have been carried out by competent quality accreditation organizations for daytime and night temperature alteration, temperature preservation with power supply interruption in accordance with WHO acceptance criteria.



C-01



C-02

Specifications

Model No.	TRUMP-C-02	TRUMP-C-01
Liters	200	70
Input power	200W	140W
Temp. range	0~8°C(-25°C~ -8°C)	
Precision	1°C	
Uniformity	±3°C	
Voltage	220V~240V/50Hz	
Shelves	1	1
Exterior dimensions (W×D×H)mm	1243×633×810	673×633×810
Interior dimensions (W×D×H)mm	970×360×610	400×360×610
Packing dimensions (W×D×H)mm	1325×760×880	755×760×880
Net/gross weight (kg)	100/112	65/69
Container load(sets) 20'/40'/40'H	42/54/81	42/90/135
Holdover time at 43/32°C	23/32/H	21/35/H

Ice Pack Freezer

Manual Defrost

This freezer is designed for storage of ice packs, plasmas, testing reagents

This product is applicable to epidemic prevention services, clinics, hospitals, blood banks and food services.

Temperature control

Application of mechanical controller and digital temperature display, ensuring cabinet temperature in -15°C~ -25°C

Ergonomic design

Safety lock to prevent accidental access

Cooling system

High efficient Danfoss compressor for swift cooling performance using CFC-free refrigerant with fan to cool down the compressor. And it is protected with special compound against rust formation with steel tubes.

Control panel situated at the front of the unit with knob for thermostat adjusting temperature inside cabinet and temperature digital display can indicate the actual temperature of cabinet. Also there is a green light can indicate the power-on condition.

This product is in accordance with WHD acceptance criteria.



D-01



D-02

Specifications

Model No.	TRUMP-D-02	TRUMP-D-01
Liters	286	116
Input power	200W	140W
Temp. range	-15°C~ -25°C	
Precision	1°C	
Uniformity	±3°C	
Voltage	220V~240V/50Hz	
Shelves/Drawers/Baskets	-/-/1	-/-/1
Exterior dimensions (W×D×H)mm	1243×633×810	673×633×810
Interior dimensions (W×D×H)mm	1065×455×647	495×455×647
Packing dimensions (W×D×H)mm	1325×760×880	755×760×880
Net/gross weight (kg)	62/74	42/46
Container load(sets) 20'/40'/40'H	24/54/81	42/90/135
Holdover time at 43°C	13H	16H

Refrigerator bags

Product structure:

·New techniques are applied to form shapes by pouring plastics one time at the place connecting carrier body with Lid. No any metal parts are connecting with, which can be damp proof and antirust, elegant appearance and practical.

·Both shell and interior are formed their shapes by applying pouring plastic technique with high intensity and durable-low-temperature plastics.

·Insulating protecting layer is shaped by pouring none-CFC polychlorothene to generate foam at one time in a body.

·Foam insulating flats and plastics strips are well sealed on the interface of body and lid, performing excellent insulating efficiency.

·Body and lid are connected by hinge, fastened by lock buttons, special opening way. The two plastic lock buttons are used to open or close the lid, operated flexibly and conveniently, and the belts length can be adjusted tense or loosen with ease.

· Six icepacks of two milliliter are provided in the carrier body. Three layers of well-sealed fastening devices are applied at the pouring-water entry of icepacks which ensure no leakage of water when upside down. This produce has the honor to win National patent.

·Pull up the two plastic lock of the carrier body, and then open the lid of carrier.

·Pour water into the icepacks until it reaches the pouring-line, tighten the bottle lid, then put them in refrigerator or ice-cabinet with the temperature below -10 degree for keeping cold more than eight hours.

· Take out the freezer icepacks up to standard and put them into carrier, align them in order along the interwall as shown on the drawings marked in the carrier lid interwall.



E-01

·Put vaccines into the empty cell formed by orderly aligned icepacks, put correctly on them foam insulating flats press tighten the carrier lid, pull down the lock buttons then carry it for use.

Model	TRUMP-E-01
Overall dimensions(L×W×H)mm	325×255×300
Valid capacity (L)	1.6
Net/Gross weight (kg)	2.3/4.5
Density of insulated layer (kg/m ³)	40-45
Depth of insulated layer (mm)	40
Holdover time (h)	51hrs (at+43deg)
Melting time per kg(h)	15
Secure grade of container	V class
Secure grade of spare parts	II class
Icepacks number	6

Medical refrigerator and freezer

This medical refrigerator is designed for storage of pharmaceuticals and biological products.

This product is applicable to drug stores, pharmaceutical plants, hospitals, epidemic prevention services and clinics.

Forced-Air Circulation, Stable temperature

- Has two floors room, one for refrigerator and another for freezer, it is very convenient to use;
- Microprocessor control, digital display of temperature;
- Forced-Air circulation system to ensure the stability of temperature;
- The refrigerator room can be power off separately, it can save electricity;

Temperature control

- Adjustable temperature control range for refrigerator is from 0~10℃, and for freezer is from -16~-26℃ with increment 1℃.
- Forced-air circulation to ensure the stability of temperature.

Safety system

- Alarm for two defects (over high or over low temperature and sensor failure).
- Two warning performances (audible/visual)

Cooling system

- Forced-Air Circulation structure and reasonable design of air channel and airflow for constant temperature uniformity and stability.
- Application of condensate evaporator to increase cooling coverage and temperature reduction efficiency.
- The refrigerator room can be power off separately, energy-saving design.
- Outstanding design for cooling system to save energy.



F-01

Ergonomic design

- Has two floors room, one for refrigerator and another for freezer, it is very convenient to use;
- The refrigerator room can be power off separately;
- Multi-level shelves and drawer design, take full advantage of space;
- Large screen for temperature display, easy to observe;
- Wide ambient temperature band design, applicable at 10~ -38°C ambient temperature; Has inner light.

Model No.	TRUMP-F-01
Total net volume	215L
Refrigerator volume	130L
Freezer volume	85L
Input power	100W
Temp. range	Refrigerator: 0~10°C Freezer: -16~ -26°C
Voltage	220v/50Hz
Temperature control	Microprocessor control
Precision	1°C
Uniformity	Refrigerator: ±2°C Freezer: ±3°C
Over temperature and undertemperature	Audible and visual alarm
Cabinet	Upright
Power consumption	0.67kW.h/24h
Compressor	ZBS1114CY
Refrigerator	R600a (CFC-free)
Cabinet and outer door	Cold-roll steel with powder coating
Inner material	HIPS
Foam insulation	C/P
Ambient temperature	38°C
Anti-electroshock	Class I
Interior light	AV power
Net/gross weight (kg)	62kg/74kg
Exterior dimensions (W×D×H)mm	620×555×1665
Packing dimensions (W×D×H)mm	690×615×1743
Container load(sets) 20'/40'/40'H	27/57/57

-40°C Deep freezers

Manual Defrost

This freezer is designed for storage of electronic components, materials under low temperature tests, plasmas, biological materials and vaccines. This product is applicable to research institutes, laboratory of electronic and chemical manufacturers, blood banks, hospitals and epidemic prevention services.

Temperature control

Microprocessor control, digital display of temperature, adjustable temperature, range -20°C to -40°C.

Setup of start and stop temperature deviation with an increment 1°C.

High and low temperature alarm controller with alarm temperature setpoint.

Safety system

Alarm for two defects (over temperature, under temperature and sensor defect)

Two warning performances (audible/visual)

Two protecting functions (compressor delay protection, compressor off time set protection)

Cooling system

Compressor for quickly cooling performance

High-density CFC-free urethane

Reasonable refrigerate system design of evaporator and condenser for efficient cooling performance

Ergonomic design

Safety lock to prevent accidental access

Φ40 access port for laboratory tests (except upright models)



G-01



G-02



G-03

Model No.	TRUMP-G-01	TRUMP-G-02	TRUMP-G-03
Liters	380	255	100
Input power	550W	410W	260W
Temp. range	-20~ -40°C		
Precision	1°C		
Uniformity	±2°C		
Voltage	220~240V/50Hz		
Temperature control	Microprocessor control		
Over temperature and undertemperature	Audible and visual alarm		
Cabinet	Chest		
Door	Single, foaming		
Foam insulation	High-density CFC-free urethane		
Compressor	Danfoss compressor		
Refrigerator	R404a		
Door lock	1		
Shelves/Drawers/Baskets	-/-/2	-/-/2	-/-/1
Exterior dimensions (W×D×H)mm	1550×633×838	1243×633×838	680×600×805
Interior dimensions (W×D×H)mm	1376×457×625	1040×430×615	500×385×625
Packing dimensions (W×D×H)mm	1630×755×920	1320×755×905	760×680×905

Net/gross weight (kg)	88/103	69/81	40/44
Container load(sets) 20'/40'/40'H	18/42/42	24/54/54	48/102/102



Model No.	TRUMP-G-08	TRUMP-G-07	TRUMP-G-06	TRUMP-G-05	TRUMP-G-04
Liters	626	262	188	138	92
Input power	1200W	400W	290W	270W	260W
Temp. range	-20~-40°C				
Precision	1°C				
Uniformity	±3°C				
Voltage	220~240V/50Hz				
Temperature control	Microprocessor control				
Over temperature and undertemperature	Audible and visual alarm				
Cabinet	Upright				
Door	Single, foaming				
Foam insulation	High-density CFC-free urethane				
Compressor	Danfoss compressor				
Door lock	1				
Shelves/Drawers/Baskets	3/4/-	2/4/-	-/7/-	-/5/-	-/3/-
Exterior dimensions (W×D×H)mm	910×835×1950	657×685×1665	597×610×1475	597×610×1140	597×610×860
Interior dimensions (W×D×H)mm	760×630×1300	480×462×1430	380×410×1225	435×410×920	435×410×635
Packing dimensions (W×D×H)mm	1060×945×2127	746×736×1762	698×658×1530	698×658×1220	698×658×940
Net/gross weight (kg)	400/470	84/94	63/72	55/62	46/51
Container load(sets) 20'/40'/40'H	12/24/24	21/48/48	24/54/54	24/54/108	48/108/108



-60°C Deep freezers

Manual defrost

This freezer is designed for storage various food, especially good at tunny storage.

Temperature control

Microprocessor control system: thermostat imported from Italy, and the temperature range is from -30~60°C. This kind of freezer even reach -60°C under 25 ambient temperature.

Safety system

Double safe functions: compressor open delay and compressor off time set protection.

Cooling system

Danfoss compressor makes a reliable refrigerating characters.

For the excellent freezing loop design, it can reach under -60°C low temperature with single compressor and cascade system.

New type mixing refrigerant makes a good freezing capacity and environment protection.

Personal designation

The temperature in the cabinet will be displayed in a large screen indicator.

Safety door-lock will avoid opening door at random.

Anti-corrosion inner adapted to various bastkets which leads you to get the goods easily.



H-01



H-02

Specifications

Model No.	TRUMP-H-01	TRUMP-H-02
Liters	255l	380l
Input power	430W	550W
Temp. range	-30°C~-50°C	
Precision	1°C	
Uniformity	±2°C	
Voltage	220V/50Hz	
Climate type	N	
Exterior dimensions (W×D×H)mm	1243×633×838	1550×633×838
Interior dimensions (W×D×H)mm	1040×430×605	1376×457×625
Packing dimensions (W×D×H)mm	1320×755×905	1630×755×920
Net/gross weight (kg)	69/81	88/103
Container load(sets) 20'/40'/40'H	24/54/54	18/42/42

-86°C Deep freezers

Manual Defrost

The first ULT Freezer which has mobile message alarm function, and mobile remote monitoring function in the world.]

This freezer is designed for storage of red and white blood cells, skins, bones, bacteria, sperms, biological materials, marine products, electronic components and test samples requiring low temperature conditions.

This freezer is applicable to blood banks, hospitals, epidemic prevention services, research institutes and laboratories of electronic and chemical products factories as well as shipping and fishery companies.

Temperature control

Microprocessor control and digital display of temperature, adjustable temperature control, range -10~-86°C

Normal running range: -40~ -80°C

Setup of start and step temperature deviation with an increment 1°C

Safety system

Alarm for multiple defects (temperature deviation, sensor defect, high and low voltage, high ambient temperature)

Two alarm performances (buzzer and optical flash)

Dual protecting functions (compressor delay and low voltage)

All separate parts are safely grounded.

Ergonomic design

Large LCD digital display (cabinet temperature, set temperature, ambient temperature voltage, etc)

Multilevel shelves for ease accesses (upright appliance)

Safety lock to prevent accidental access

Test port for laboratory tests

Wide climatization band for operation in 10~32°C ambient temperature

Pressure balance design for easy open door

Storage box (optional)

Has computer interface.

Cooling system

Hi-efficient low temperature compressor for cooling performance

Dual-fane door for temperature preservation

Hi-density insulation for excellent temperature preservation

Design of three seals and heating insulation for efficient prevention of frost buildup.

Application of dedicated low temperature control switch to achieve precise control of low temperature compressor and



high efficient performance of cascade cooling system

Functions

- VIP vacuum thermal insulation temperature preservation technology reduces floor space, add 30% storage space.
- Real-time network intellectual monitoring system, saving time and be reliable. The user can send message to the machine to get real-time temperature and alarm information.
- Patented lock design realizes one hand operation.
- Has mobile message alarm, mobile remote monitoring function (optional), can realize remote monitoring as long as there have mobile signal.
- Could send the alarm message to three person at the same time.
- The user can send message to the machine to set up temperature of the cabinet and high and low temperature alarm value.

Specifications

Model No.	TRUMP-J-01	TRUMP-J-02	TRUMP-J-03	TRUMP-J-04	TRUMP-J-05	TRUMP-J-06
Liters	286	386	626	200	310	420
Input power	3/4HP×2	3/4HP×2	1HP×2	3/4HP×2	3/4HP×2	3/4HP×2
Temp. range	-10~-86℃					
Precision	1℃			1℃		
Uniformity	±4.8℃			±4℃		
Voltage	220~240V/50Hz					
cabinet	Upright			Chest		
Door	Single, foaming					
Shelves/Inner door	2/3	3/4	3/2	-/2	-/2	-/3
Exterior dimensions (W×D×H)mm	875×915×1638	875×915×1950	910×835×1950	1430×870×1020	1780×870×1020	2130×870×1020
Interior dimensions (W×D×H)mm	515×595×908	515×592×1220	760×630×1300	667×462×652	1017×462×652	1367×462×652
Packing dimensions (W×D×H)mm	940×985×1803	940×985×2115	1060×945×2127	1600×970×1151	1950×970×1151	2300×970×1151
Net/gross weight (kg)	270/300	290/320	410/490	255/305	290/345	320/370
Container load(sets) 20'/40'/40'H	12/24/24	12/24/24	12/24/24	12/28/28	12/24/24	12/24/24
Total rack/box capacity	9/144	12/192	20/320	12/132	21/231	27/297

-156°C Cryo freezers

This CRYO Refrigerator is designed for storage of virus, disease germ, white cell, red cell, skin, skeleton, bacteria, biological products, clinic experiments products.

IPD control System (complete data dealing system)

All function data entered by touching key, big LCD display.

Supply dual user's password protecting function, can set parameter.

When the temperature and alarm point are set, the chief power and alarm system are locked.

Monitoring system

The protecting and rescuing monitor of the compressor performance and adjust the inner and outer condition, so it can extend the life of the compressor.

If the temperature in the compressor will effect the performance of the machine, the warner will alarm.

The indicating lamp will light when the screen of the condenser is blocked or needs to be washed.

Cooling system

High efficient CFC-free refrigerant cooling system.

The boiler from up to down ensure the refrigerant flowing efficiently.

Dual flow fan efficient condensate system, adopt fan blade which is formed according to aerodynamics.

The washable screen of the condenser ensures the cooling efficiency, you can detach the screen without any tools.

Ergonomic design

Applicable to use far away from the working area where the temperature is from 10~25°C

Gravis type added self-locked caster, it is convenient for moving.

Low temperature level compressor control, start when it needs, avoiding mistake, so it can extend the life.

It is easy to wash because of Inner round angle dealing design.

Optional LN2 backup system makes it convenient to use under emergency situation, make the operation safe.

Has optional temperature record instrument, so it is convenient to record temperature and save forever.

Optional intelligent monitoring system, you can record the data and monitor on the computer and realize remote supervising.



Specifications

Model No.	TRUMP-K-01
Liters	200
Temp. range	-90°C~-150°C
Precision	1°C
Uniformity	±5°C
The lowest temperature	-150°C
Voltage(V/phase)	380/3
Exterior dimensions(W×D×H)mm	1549×855×1088

Interior dimensions(W×D×H)mm	667×462×652
Net/gross weight (kg)	315/385

Semi-conductor vehicle blood bank refrigerator, pharmacy refrigerator

This kind of vehicle blood bank refrigerator and pharmacy refrigerator are new model of TRUMP and it is the first medical vehicle equipment cooled by semi-conductor in China. It has clearly advantages for no compressor, no noise, convenient to move. It is not only can used in hospital for blood, pharmacy, vaccine storage for a short time, but also used for transport in vehicle.

Product Specification

- Cooled by semi-conductor, no contamination for environment.
- Without compressor, without noise, without vibration
- With long life cooling semi-conductor components which imported from foreign company
- Wind cooling system offer a good temperature uniformity inside cabinet
- It is easier to connect to power in vehicle and room under DC12V/AC220V.
- It is convenient to be moved of light and handy cabinet.
- Microprocessor control and LED displayer make a good watching for temperature inside cabinet.
- With LED light



M-01

Specifications

Parameter	TRUMP-M-01(blood bank refrigerator)	TRUMP-M-02(pharmacy refrigerator)
Precision	1℃	1℃
Uniformity	±2℃	±2℃
Voltage (V/Hz)	AC220/DC12	AC220/DC12
Power (W)	60	60
Ambient temperature	10~25℃	10~25℃
Interior temperature	4±1℃	2~8℃
Control type	Microprocessor control	Microprocessor control
Net volume	30	30
Interior material	ABS	ABS
Net weight (kg)	13	13
Light	LED	LED

Exterior size (W×D×H)mm	420×420×480	420×420×480
Interior size (W×D×H)mm	330×230×370	330×230×370
Packing size (W×D×H)mm	465×445×500	465×445×500
Anti-shock safety classification	I	I
Container load(sets) 20'/40'/40'H	260/520/650	260/520/650