

bartlob
**MODULAR
OPERATING
THEATER**



**PERFORMING
A HIGHER
STANDARD**

MOT - Solusi efektif peningkatan layanan terpadu ruang operasi Rumah Sakit

Head Office

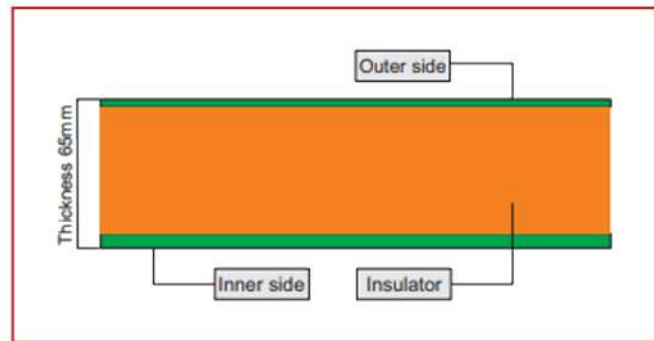
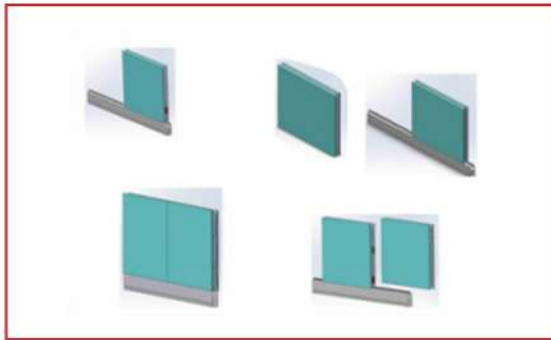
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MODULAR WALL SYSTEM

(Dinding Tahan Api untuk Ruang Operasi)

BARTLAB / 2015 FR



SPECIFICATION

- Construction :

made of mild steel with anti-bacterial powder coating, insulator, and stainless steel plate that has passed the fire resistance test according to SNI 1741-2008

- All panels are modular and manufactured in a factory. No welding.

- Has passed the results of the fire resistance test by an accredited laboratory

Optional :

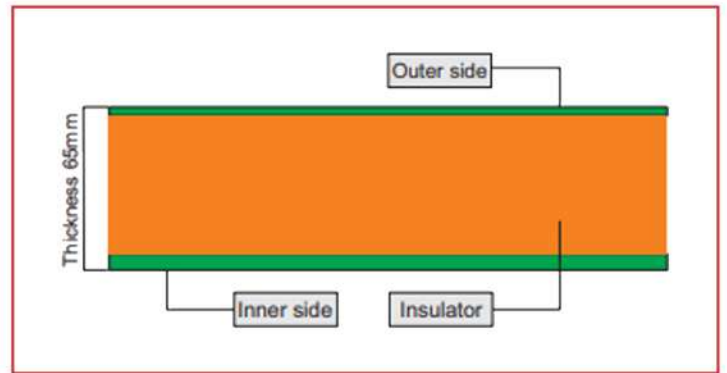
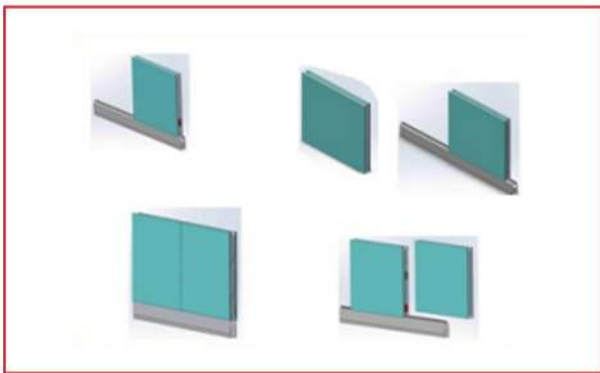
- Coated with tempered glass on the inside

- Color of powder coating is customizable

MODULAR CEILING SYSTEM

(Langit-langit Tahan Api untuk Ruang Operasi)

BARTLAB / 2014 FR



SPECIFICATION

- Construction :

made of mild steel with anti-bacterial powder coating, insulator, and stainless steel plate that has passed the fire resistance test according to SNI 1741-2008

- All panels are modular and manufactured in a factory. No welding.

- Has passed the results of the fire resistance test by an accredited laboratory

Optional :

- Coated with tempered glass on the inside

- Color of powder coating is customizable



MOTORIZED SINGLE SLIDE HERMETIC SEALED DOOR

BARTLAB / 2016



SPECIFICATION

Dimensi Appx : 2100 mm x 1500 mm x 50 mm

Type : Motorized Single Slide
Hermetic Door

Viewing Appx : 500 x 300 Clear Glass (2x)

Foot Sensor / Hand sensor, Beam sensor

Note :

warna dan spesifikasi dapat berubah tanpa mengurangi fungsi tanpa pemberitahuan terlebih dahulu

MANUAL SINGLE SEALED DOOR

BARTLAB / 2021



SPECIFICATION

Dimensi Appx : 2100 mm x 850 mm x 50 mm

Type : Manual Singla Swing Door

Viewing Appx : 300 x 300 Clear Glass (2x)

Handle Tubular + mortise + Lockset + Key
Engsel, Door Seal

Note :

warna dan spesifikasi dapat berubah tanpa mengurangi fungsi tanpa pemberitahuan terlebih dahulu

FLOOR SYSTEM

BARTLAB / 2027



SPECIFICATION

- Type : Homogeneous Sheet
- Thickness : 2 mm
- Size : 1 Roll = 2m (L) x 20m (P)
- Material : Welding Rod, Deep Clean, round corner, Antibacteria (optional)

PASS BOX

BARTLAB / 2020

SPECIFICATION

Construction

Made of stainless steel sheet (SS 304)
Finished with hairline / mirror

Accessories

1. UV Lamp
2. Magnetic Interlock system
3. Power supply, pilot lamp, switch, relay – 220 V / 50Hz
4. Handle, seal, hinge
5. Viewing : Mirror 300 x 300 mm with thickness 5 mm

Dimension

Outer Size 600 x 600 x 600 mm
Inner Size 400 x 500 x 500 mm



WALL CABINET

BARTLAB / 2030



SPECIFICATION

- Material : Stainless Steel + glasses
- Ukuran appx : 900 X 1800 X 450 mm
- Part
 1. Door : 2 Door (Right and Left)
 2. Shelves : 4 Shelves

WORKING/WRITING TABLE

BARTLAB / 2022



SPECIFICATION

- Material : Stainless Steel 304
- Dimensi Appx : 700 x 400 x 250 mm
- Accsesories : LED Lamp

SCRUB STATION 2 PERSONS

BARTLAB / 2023



SPECIFICATION

Construction

Made of stainless steel sheet.

Electrical Source

220 V, 50 Hz,

Faucet & Soap Dispenser

2 Pcs Automatic Facet & 1 Pc Automatic Soap Dispenser with Infrared Sensor

Accessories

2 Pcs Lamp 10 Watt, Filtering, Heater

Finishing

Polishing

Dimension (Approx)

Overall 1400 (L) x 600 (W) x 750 - 1700 (H) mm

MEDICAL GASES OUTLET

BARTLAB / 2031



SPECIFICATION

Material	: Stainless Steel
Size	: 600 x 300 x 70 (mm) atau sesuai kebutuhan
Jenis	: O2 ,Compressed Air , Vacuum , N2O atau sesuai kebutuhan
Standar Joint	: Australian, JIS, Ohmeda, Germany British Standard

ANESTHESIA PENDANT SINGLE ARM

BARTLAB / 2028 C



SPECIFICATION

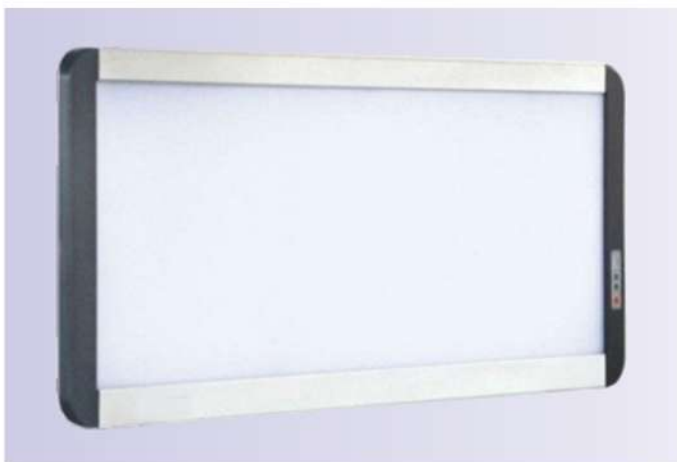
Rotation max : 340°;
Equipment pallet : 2 pcs
Port : 2 oxygen ports,
2 suction ports, and
1 air port, 1 N2O, 1 waster
air port

Features :

- With mechanical brake to avoid the drafting;
- Stops: any positions you like in 340°;
- Loading Max: 260kgs
- With Infuse Stand

X-RAY FILM REVIEW/23062T

(Pembaca Film Rontgen)



SPECIFICATION

Ukuran : 1240 x 495 x 23 mm
Ukuran Layar : 1072 x 422 mm
Sumber Cahaya : LED
Temp. Warna : 10.000 K
Konsumsi Daya : 100 W, 1 Phase 220 V, 50 Hz
Berat Bersih : ± 9.5 kg

AIR CONDITIONING SYSTEM CAPACITY 75.000 BTUH

BARTLAB / HVAC 2025



AIR HANDLING UNIT



AIR COOLED CONDENSING UNIT



SPECIFICATION

AHU (Air Handling Unit)

Bartlab (merk terdaftar)

- Cooling Capacity Appx: 75.000 BTU/h
- VRF / VRV type
- Refrigerant : R4 10A or others
- c/w Cooling Coil and Electric Heater for RH
- Material Panel: double skinned
- Room Temp: 19 - 24 deg C, RH 40 - 60%, ACH Min 10x
- Air Flow: Min 2000 CMH
- Class: 10.000, Positif Pressure
- Fan Type: High Static
- Air Filter: pre-filter and Medium Filter

ACCU (Air Cooled Condensing Unit)

Bartlab (merk terdaftar)

Air Cooled System, 8 HP

Exfiltration Fan

Standard Bartlab (merk terdaftar)

Ducting

Material: Polyurethane
with multi dimensions

Aksesoris Ducting:

- Fresh Air Damper (FAD)
Material: Alumunium or stainless steel
natural color or Powder coating
- Supply Air Grille (SAG)
c/w Manual Damper, perforated
- Return Air Grille (RAG)
c/w Manual Damper, perforated

Sistem Filtrasi (Including Housing)

Standard Bartlab

Pre Filter	G4 (87 - 92%)
Medium Filter	F8 / MERV14 (90 - 95%)
HEPA Filter	H13 (99.99%)

VISUALIZATION, INFORMATION AND CONTROL SYTEM

BARTLAB / 2036



SPECIFICATION

Menampilkan :

- Jam + Menit
- Tanggal + Bulan + Tahun
- Timer

SPECIFICATION (Optional)

Sistem Kontrol dan Panel Daya Elektrikal include :

- Controller dan I/O module
- Human Machine Interface (HMI)
- Electrical heater controller
- MCCB dan MCB
- Contactor
- Relay
- Selector switch
- Push button
- Cabinet
- Differential Pressure Switch
- Heater Thermostat
- Room Pressure Sensor
- Nurse Call System (Optional)
- Kabel komunikasi AHU - Outdoor Unit

CONTACT US :

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INSTALASI PENGOLAHAN AIR LIMBAH



Waste Water Treatment, dengan Proses Batch,
dan Combined BIO-AOP System
Khusus untuk Rumah Sakit, Puskesmas
dan klinik (Fasilitas Pelayanan Kesehatan)



Head Office

PT BAGDU UTAMA MANDIRI
Ruko The Icon, Horizon Broadway M2/20
BSD City, Tangerang, Banten, 15345

TIPE ECO 1



- Note:
1. Spesifikasi dapat berubah sewaktu-waktu tanpa melakukan pemberitahuan terlebih dahulu
 2. Bentuk dan warna tidak mengikat, bisa berubah tanpa melakukan pemberitahuan terlebih dahulu, tanpa merubah kapasitas dan kinerja alat
 3. Memungkinkan penggabungan dengan sistem lain
 4. Dapat digunakan untuk penambahan kapasitas dengan sistem yang berbeda

PERSYARATAN PEMASANGAN

1. Tersedia Bak Tampung awal (septic tank) dengan kapasitas minimal 3x neraca air
2. Untuk penggabungan dengan sistem lama wajib diberitahukan kepada produsen

GARANSI DAN TRAINING

- | | |
|------------|---|
| Garansi | : 1 tahun, dihitung sejak tanggal uji fungsi |
| Training | : diberikan saat uji fungsi dan serah terima |
| Spare Part | : jaminan ketersediaan selama 5 tahun, berlaku sejak tanggal uji fungsi |

SPESIFIKASI MESIN PENGOLAH AIR LIMBAH TIPE ECO 1

FLASH Waste Water Treatment, Dengan Proses Batch, dan Combined BIO-AOP System (FLASH Pengolah Limbah Cair, Dengan Proses Batch, dan Sistem Kombinasi BIO-AOP)

NO	KETERANGAN	SPESIFIKASI	QTY/SIZE	UNIT
CAPACITY : 0 - 0,6m3/jam				
1. PEMBANGKIT OKSIDATOR				
1	Lemari Panel	Dimensi	760x500x1000	mm
		Material	Mild Steel	
		Cat Pelapis	Powder Coating	
2	Pembangkit Suppli Oksidator	Jumlah	1	unit
		Daya	0,44	kW
3	Pembangkit Oksidator	Jumlah	1	unit
		Daya	0,3	kW
		Pompa Pendingin	1	unit
4	Katub Injeksi	Jumlah	1	unit
2. TABUNG REAKTOR				
1	Material	Stainless Steel SUS 304 grade		
		Dimensi Tinggi	1.700	mm
		Diameter	770	mm
	Jumlah	1	unit	
3. SISTEM POMPA SIRKULASI				
(Pompa bekerja bergantian sesuai pengaturan)				
1	Pompa Inlet	Daya	0,35	kW
		Kapasitas	3	m3/jam
		Jumlah	1	pcs
		ON/OFF dengan sistem WLC (Water Level Control)	yes	
2	Pompa Sirkulasi	Daya	0,35	kW
		Kapasitas	3	m3/jam
		Jumlah	1	pcs
4. PENGHANCUR KELEBIHAN OKSIDATOR				
1	Penghancur Oksidator	Kapasitas	8	GPM
		Jumlah	1	Set
5. SISTEM PENYARINGAN				
1	Tabung Filter	Jumlah	2	pcs
		Material	FRP 10"	
		Kapasitas	2	m3/jam
6. PELINDUNG SISTEM (RUMAH MESIN IPAL)				
1	Rangka	Pipa Kotak MS		
		Dimensi keseluruhan (lantai samping rok atap & tepi genting sampai tepi genting)	3000x3000x2500	mm
2	Dinding	Tinggi Dinding dari lantai terbuat dari plate MS dengan pelapis powder coating	1000	mm
		Penutup rangka di atas 1000mm	BRC	
3	Lantai	Terbuat dari Plat Bordes Aluminium		
7. JARINGAN IPAL				
1	Jalur Pipa Limbah	PVC Diameter 1.5" AW	48	m
2	Jalur Listrik	Lapis Pelindung PVC Diameter 0.5" AW	48	m
		Kabel 2 x 0,75 mm2	48	m
3	Primary Sediment (pre-treatment)	Teknologi Biological Tube settler	PE/FRP	
		Jumlah	2	unit
4	Mini Collector	Kapasitas	600	liter
		Jumlah	2	unit
5	Fat Trap (pre-treatment)	Material	PE/FRP	
		Kapasitas	100	liter
6	Equalization Tank (pre-treatment)	Jumlah	1	unit
		Material	PE/FRP	
7	Pompa Transfer	Kapasitas	2000	liter
		Jumlah	3	unit
8	Meteran Air	Tipe Pompa Celup Air Kotor		
		Daya	0,2	kW
		Kapasitas	40	liter/menit
9	Kontrol Unit Pompa Transfer		1	unit

TIPE MINI



SPESIFIKASI MESIN PENGOLAH AIR LIMBAH TIPE MINI IPAL

FLASH Waste Water Treatment, Dengan Proses Batch, dan Combined BIO-AOP System (FLASH Pengolah Limbah Cair, Dengan Proses Batch, dan Sistem Kombinasi BIO-AOP)

NO	KETERANGAN	SPESIFIKASI	QTY/SIZE	UNIT
CAPACITY : 0 - 0,2m³/jam				
1. PEMBANGKIT OKSIDATOR				
1	Lemari Panel	Dimensi	760x500x1000	mm
		Material	Mild Steel	
		Cat Pelapis	Powder Coating	
2	Pembangkit Suppli Oksidator	Jumlah	1	unit
		Daya	0,18	kW
3	Pembangkit Oksidator	Jumlah	1	unit
		Daya	0,3	kW
4	Katub Injeksi	Pompa Pendingin	1	unit
		Jumlah	1	unit
2. TABUNG REAKTOR				
1	Material	Stainless Steel SUS 304 grade		
		Dimensi Tinggi	1.600	mm
		Diameter	380	mm
		Jumlah	1	unit
3. SISTEM POMPA SIRKULASI				
(Pompa bekerja bergantian sesuai pengaturan)				
1	Pompa Inlet	Daya	0,35	kW
		Kapasitas	2	m ³ /jam
		Jumlah	1	pcs
		ON/OFF dengan sistem WLC (Water Level Control)	yes	
2	Pompa Sirkulasi	Daya	0,35	kW
		Kapasitas	2	m ³ /jam
		Jumlah	1	pcs
4. PENGHANCUR KELEBIHAN OKSIDATOR				
1	Penghancur Oksidator	Kapasitas	4	GPM
		Jumlah	1	Set
5. SISTEM PENYARINGAN				
1	Tabung Filter	Jumlah	2	pcs
		Material	FRP 10"	
		Kapasitas	1	m ³ /jam
6. PELINDUNG SISTEM (RUMAH MESIN IPAL)				
1	Rangka	Pipa Kotak MS		
		Dimensi keseluruhan (lantai samping rok atap & tepi genting sampai tepi genting)	2000x2000x2500	mm
2	Dinding	Tinggi Dinding dari lantai terbuat dari plate MS dengan pelapis powder coating	1000	mm
3	Lantai	Penutup rangka di atas 1000mm	BRC	
		Terbuat dari Plat Bordes Alluminium		
7. JARINGAN IPAL				
1	Jalur Pipa Limbah	PVC Diameter 1.5" AW	24	m
2	Jalur Listrik	Lapis Pelindung PVC Diameter 0.5" AW	24	m
		Kabel 2 x 0,75 mm ²	24	m
3	Primary Sediment (pre-treatment)	Teknologi Biological Tube settler	PE/FRP	
		Jumlah	1	unit
		Kapasitas	600	liter
4	Mini Collector	Jumlah	2	unit
		Material	PE/FRP	
		Kapasitas	50	liter
5	Fat Trap (pre-treatment)	Jumlah	1	unit
		Material	PE/FRP	
		Kapasitas	30	liter
6	Equalization Tank (pre-treatment)	Jumlah	1	unit
		Material	PE/FRP	
		Kapasitas	2000	liter
		Jumlah	2	unit
7	Pompa Transfer	Tipe Pompa Celup Air Kotor		
		Daya	0,2	kW
		Kapasitas	40	liter/menit
8	Meteran Air		1	unit
9	Kontrol Unit Pompa Transfer		1	unit

- Note:
1. Spesifikasi dapat berubah sewaktu-waktu tanpa melakukan pemberitahuan terlebih dahulu
 2. Bentuk dan warna tidak mengikat, bisa berubah tanpa melakukan pemberitahuan terlebih dahulu, tanpa merubah kapasitas dan kinerja alat
 3. Memungkinkan penggabungan dengan sistem lain
 4. Dapat digunakan untuk penambahan kapasitas dengan sistem yang berbeda

PERSYARATAN PEMASANGAN

1. Tersedia Bak Tampung awal (septic tank) dengan kapasitas minimal 3x neraca air
2. Untuk penggabungan dengan sistem lama wajib diberitahukan kepada produsen

GARANSI DAN TRAINING

- | | |
|------------|---|
| Garansi | : 1 tahun, terhitung sejak tanggal uji fungsi |
| Training | : diberikan saat uji fungsi dan serah terima |
| Spare Part | : jaminan ketersediaan selama 5 tahun, berlaku sejak tanggal uji fungsi |

TIPE ECO 3



- Note:
1. Spesifikasi dapat berubah sewaktu-waktu tanpa melakukan pemberitahuan terlebih dahulu
 2. Bentuk dan warna tidak mengikat, bisa berubah tanpa melakukan pemberitahuan terlebih dahulu, tanpa merubah kapasitas dan kinerja alat
 3. Memungkinkan penggabungan dengan sistem lain
 4. Dapat digunakan untuk penambahan kapasitas dengan sistem yang berbeda

PERSYARATAN PEMASANGAN

1. Tersedia Bak Tampung awal (septic tank) dengan kapasitas minimal 3x neraca air
2. Untuk penggabungan dengan sistem lama wajib diberitahukan kepada produsen

GARANSI DAN TRAINING

- | | |
|------------|---|
| Garansi | : 1 tahun, dihitung sejak tanggal uji fungsi |
| Training | : diberikan saat uji fungsi dan serah terima |
| Spare Part | : jaminan ketersediaan selama 5 tahun, berlaku sejak tanggal uji fungsi |

SPEKIFIKASI MESIN PENGOLAH AIR LIMBAH TIPE ECO 3

FLASH Waste Water Treatment, Dengan Proses Batch, dan Combined BIO-AOP System (FLASH Pengolah Limbah Cair, Dengan Proses Batch, dan Sistem Kombinasi BIO-AOP)

NO	KETERANGAN	SPEKIFIKASI	QTY/SIZE	UNIT
CAPACITY : 0 - 0,3m³/jam				
1. PEMBANGKIT OKSIDATOR				
1	Lemari Panel	Dimensi	760x500x1000	mm
		Material	Mild Steel	
		Cat Pelapis	Powder Coating	
2	Pembangkit Suppli Oksidator	Jumlah	1	unit
		Daya	0,44	kW
3	Pembangkit Oksidator	Jumlah	1	unit
		Daya	0,3	kW
4	Katub Injeksi	Pompa Pendingin	1	unit
		Jumlah	1	unit
2. TABUNG REAKTOR				
1	Material	Stainless Steel SUS 304 grade		
		Dimensi Tinggi	1.600	mm
		Diameter	380	mm
		Jumlah	1	unit
3. SISTEM POMPA SIRKULASI				
(Pompa bekerja bergantian sesuai pengaturan)				
1	Pompa Inlet	Daya	0,35	kW
		Kapasitas	3	m ³ /jam
		Jumlah	1	pcs
		ON/OFF dengan sistem WLC (Water Level Control)	yes	
2	Pompa Sirkulasi	Daya	0,35	kW
		Kapasitas	3	m ³ /jam
		Jumlah	1	pcs
4. PENGHANCUR KELEBIHAN OKSIDATOR				
1	Penghancur Oksidator	Kapasitas	8	GPM
		Jumlah	1	Set
5. SISTEM PENYARINGAN				
1	Tabung Filter	Jumlah	2	pcs
		Material	FRP 10"	
		Kapasitas	1	m ³ /jam
6. PELINDUNG SISTEM (RUMAH MESIN IPAL)				
1	Rangka	Pipa Kotak MS		
		Dimensi keseluruhan (lantai sampai atap & tepi genting sampai tepi genting)	3000x3000x2500	mm
2	Dinding	Tinggi Dinding dari lantai terbuat dari plate MS dengan pelapis powder coating	1000	mm
		Penutup rangka di atas 1000mm	BRC	
3	Lantai	Terbuat dari Plat Bordes Aluminium		
7. JARINGAN IPAL				
1	Jalur Pipa Limbah	PVC Diameter 1.5" AW	48	m
2	Jalur Listrik	Lapis Pelindung PVC Diameter 0.5" AW	48	m
		Kabel 2 x 0,75 mm ²	48	m
3	Primary Sediment (pre-treatment)	Teknologi Biological Tube settler	PE/FRP	
		Jumlah	2	unit
		Kapasitas	600	liter
4	Mini Collector	Jumlah	2	unit
		Material	PE/FRP	
5	Fat Trap (pre-treatment)	Kapasitas	50	liter
		Jumlah	1	unit
6	Equalization Tank (pre-treatment)	Material	PE/FRP	
		Kapasitas	2000	liter
		Jumlah	1	unit
7	Pompa Transfer	Jumlah	3	unit
		Tipe Pompa Celup Air Kotor		
		Daya	0,2	kW
8	Meteran Air	Kapasitas	40	liter/menit
		Jumlah	1	unit
9	Kontrol Unit Pompa Transfer		1	unit

TIPE MIKRO



SPESIFIKASI MESIN PENGOLAH AIR LIMBAH TIPE MICRO IPAL

FLASH Waste Water Treatment, Dengan Proses Batch, dan Combined BIO-AOP System
(FLASH Pengolah Limbah Cair, Dengan Proses Batch, dan Sistem Kombinasi BIO-AOP)

NO	KETERANGAN	SPESIFIKASI	QTY/SIZE	UNIT
CAPACITY : 0 - 0,15m³/jam				
1. PEMBANGKIT OKSIDATOR				
1	Lemari Panel	Dimensi	760x500x1000	mm
		Material	Mild Steel	
		Cat Pelapis	Powder Coating	
2	Pembangkit Supli Oksidator	Jumlah	1	unit
		Daya	0,18	kw
3	Pembangkit Oksidator	Jumlah	1	unit
		Daya	0,3	kw
		Pompa Pendingin	1	unit
4	Katub Injeksi	Jumlah	1	unit
2. TABUNG REAKTOR				
1	Material	Stainless Steel SUS 304 grade		
		Dimensi Tinggi	800	mm
		Diameter	380	mm
		Jumlah	2	unit
3. SISTEM POMPA SIRKULASI				
(Pompa bekerja bergantian sesuai pengaturan)				
1	Pompa Inlet	Daya	0,2	kw
		Kapasitas	1,7	m ³ /jam
		Jumlah	1	pcs
		ON/OFF dengan sistem WLC (Water Level Control)	yes	
2	Pompa Sirkulasi	Daya	0,2	kw
		Kapasitas	1,7	m ³ /jam
		Jumlah	1	pcs
4. PENGHANCUR KELEBIHAN OKSIDATOR				
1	Pengahncr Oksidator	Kapasitas	4	GPM
		Jumlah	1	Set
5. SISTEM PENYARINGAN				
1	Tabung Filter	Jumlah	2	pcs
		Material	FRP 10"	
		Kapasitas	1	m ³ /jam
6. PELINDUNG SISTEM (RUMAH MESIN IPAL)				
1	Rangka	Pipa Kotak MS		
		Dimensi keseluruhan (lantai samping rok atap & tepi genteng sampai tepi genteng)	2000x2000x2500	mm
2	Dinding	Tinggi Dinding dari lantai terbuat dari plate MS dengan pelapis powder coating	1000	mm
		Penutup rangka di atas 1000mm	BRC	
3	Lantai	Terbuat dari Plat Bordes Alluminium		
7. JARINGAN IPAL				
1	Jalur Pipa Limbah	PVC Diameter 1.5" AW	20	m
2	Jalur Listrik	Lapis Pelindung PVC Diameter 0.5" AW	20	m
		Kabel 2 x 0,75 mm ²	20	m
3	Primary Sediment (pre-treatment)	Teknologi Biological Tube settler	PE/FRP	
		Jumlah	1	unit
4	Mini Collector	Kapasitas	600	liter
		Jumlah	2	unit
5	Fat Trap (pre-treatment)	Material	PE/FRP	
		Kapasitas	50	liter
		Jumlah	1	unit
6	Equalization Tank (pre-treatment)	Material	PE/FRP	
		Kapasitas	30	liter
		Jumlah	1	unit
7	Pompa Transfer	Kapasitas	1000	liter
		Jumlah	2	unit
		Tipe Pompa Celup Air Kotor		
8	Meteran Air	Daya	0,2	kw
		Kapasitas	40	liter/menit
9	Kontrol Unit Pompa Transfer		1	unit

- Note:
1. Spesifikasi dapat berubah sewaktu-waktu tanpa melakukan pemberitahuan terlebih dahulu
 2. Bentuk dan warna tidak mengikat, bisa berubah tanpa melakukan pemberitahuan terlebih dahulu, tanpa merubah kapasitas dan kinerja alat
 3. Memungkinkan penggabungan dengan sistem lain
 4. Dapat digunakan untuk penambahan kapasitas dengan sistem yang berbeda

PERSYARATAN PEMASANGAN

1. Tersedia Bak Tampung awal (septic tank) dengan kapasitas minimal 3x neraca air
2. Untuk penggabungan dengan sistem lama wajib diberitahukan kepada produsen

GARANSI DAN TRAINING

- | | |
|------------|---|
| Garansi | : 1 tahun, dihitung sejak tanggal uji fungsi |
| Training | : diberikan saat uji fungsi dan serah terima |
| Spare Part | : jaminan ketersediaan selama 5 tahun, berlaku sejak tanggal uji fungsi |

TIPE 1



SPESIFIKASI MESIN PENGOLAH AIR LIMBAH TIPE 1

FLASH Waste Water Treatment, Dengan Proses Batch, dan Combined BIO-AOP System (FLASH Pengolah Limbah Cair, Dengan Proses Batch, dan Sistem Kombinasi BIO-AOP)

NO	KETERANGAN	SPESIFIKASI	QTY/SIZE	UNIT
CAPACITY : 0 - 0,75m³/jam				
1. PEMBANGKIT OKSIDATOR				
1	Lemari Panel	Dimensi	1700x430x800	mm
		Material	Mild Steel	
		Cat Pelapis	Powder Coating	
2	Pembangkit Suppli Oksidator	Jumlah	2	unit
		Daya	0,44	kW
3	Pembangkit Oksidator	Jumlah	2	unit
		Daya	0,3	kW
		Pompa Pendingin	1	unit
4	Katub Injeksi	Jumlah	2	unit
2. TABUNG REAKTOR				
1	Material	Stainless Steel SUS 304 grade		
		Dimensi Tinggi	1.700	mm
		Diameter	770	mm
		Jumlah	2	unit
3. SISTEM POMPA SIRKULASI				
(Pompa bekerja bergantian sesuai pengaturan)				
1	Pompa Inlet	Daya	0,35	kW
		Kapasitas	3	m ³ /jam
		Jumlah	2	pcs
		ON/OFF dengan sistem WLC (Water Level Control)	yes	
2	Pompa Sirkulasi	Daya	0,35	kW
		Kapasitas	3	m ³ /jam
		Jumlah	1	pcs
3	Pompa Transfer	Daya	0,35	kW
		Kapasitas	3	m ³ /jam
		Jumlah	1	pcs
4. PENGHANCUR KELEBIHAN OKSIDATOR				
1	Penghancur Oksidator	Kapasitas	8	GPM
		Jumlah	2	Set
5. SISTEM PENYARINGAN				
1	Pompa Filter	Daya	0,35	pcs
		Kapasitas	3	
		Jumlah	1	m ³ /jam
1	Tabung Filter	Jumlah	2	pcs
		Material	FRP 10"	
		Kapasitas	2	m ³ /jam
6. PELINDUNG SISTEM (RUMAH MESIN IPAL)				
1	Rangka	Pipa Kotak MS		
		Dimensi keseluruhan (lantai sampai atap & tepi genting sampai tepi genting)	3200x3200x2700	mm
2	Dinding	Tinggi Dinding dari lantai terbuat dari plate MS dengan pelapis powder coating	1000	mm
3	Lantai	Penutup rangka di atas 1000mm	BRC	
3	Lantai	Terbuat dari Plat Bordes Alluminium		
7. JARINGAN IPAL				
1	Jalur Pipa Limbah	PVC Diameter 1.5" AW	100	m
2	Jalur Listrik	Lapis Pelindung PVC Diameter 0.5" AW	100	m
3	Primary Sediment (pre-treatment)	Kabel 2 x 0,75 mm ²	100	m
		Teknologi Biological Tube settler	PE/FRP	
		Jumlah	3	unit
4	Mini Collector	Kapasitas	1000	liter
		Jumlah	3	unit
5	Fat Trap (pre-treatment)	Material	PE/FRP	
		Kapasitas	100	liter
		Jumlah	1	unit
6	Equalization Tank (pre-treatment)	Material	PE/FRP	
		Kapasitas	30	liter
		Jumlah	1	unit
7	Pompa Transfer	Material	PE/FRP	
		Kapasitas	2000	liter
		Jumlah	4	unit
		Tipe Pompa Celup Air Kotor		
8	Meteran Air	Daya	0,2	kW
		Kapasitas	40	liter/menit
9	Kontrol Unit Pompa Transfer	Jumlah	1	unit
		Jumlah	1	unit

- Note:
1. Spesifikasi dapat berubah sewaktu-waktu tanpa melakukan pemberitahuan terlebih dahulu
 2. Bentuk dan warna tidak mengikat, bisa berubah tanpa melakukan pemberitahuan terlebih dahulu, tanpa merubah kapasitas dan kinerja alat
 3. Memungkinkan penggabungan dengan sistem lain
 4. Dapat digunakan untuk penambahan kapasitas dengan sistem yang berbeda

PERSYARATAN PEMASANGAN

1. Tersedia Bak Tampung awal (septic tank) dengan kapasitas minimal 3x neraca air
2. Untuk penggabungan dengan sistem lama wajib diberitahukan kepada produsen

GARANSI DAN TRAINING

- Garansi : 1 tahun, terhitung sejak tanggal uji fungsi
 Training : diberikan saat uji fungsi dan serah terima
 Spare Part : jaminan ketersediaan selama 5 tahun, berlaku sejak tanggal uji fungsi

TIPE 3



SPESIFIKASI MESIN PENGOLAH AIR LIMBAH TIPE 3

FLASH Waste Water Treatment, Dengan Proses Batch, dan Combined BIO-AOP System (FLASH Pengolah Limbah Cair, Dengan Proses Batch, dan Sistem Kombinasi BIO-AOP)

NO	KETERANGAN	SPESIFIKASI	QTY/SIZE	UNIT
CAPACITY : 0 - 0,4m3/jam				
1. PEMBANGKIT OKSIDATOR				
1	Lemari Panel	Dimensi	1700x430x800	mm
		Material	Mild Steel	
		Cat Pelapis	Powder Coating	
2	Pembangkit Suppli Oksidator	Jumlah	2	unit
		Daya	0,44	kW
3	Pembangkit Oksidator	Jumlah	2	unit
		Daya	0,3	kW
4	Katub Injeksi	Pompa Pendingin	1	unit
		Jumlah	2	unit
2. TABUNG REAKTOR				
1	Material	Stainless Steel SUS 304 grade		
		Dimensi Tinggi	1.600	mm
		Diameter	380	mm
		Jumlah	5	unit
3. SISTEM POMPA SIRKULASI				
(Pompa bekerja bergantian sesuai pengaturan)				
1	Pompa Inlet	Daya	0,35	kW
		Kapasitas	3	m3/jam
		Jumlah	2	pcs
		ON/OFF dengan sistem WLC (Water Level Control)	yes	
		Daya	0,35	kW
2	Pompa Sirkulasi	Kapasitas	3	m3/jam
		Jumlah	1	pcs
		Daya	0,35	kW
3	Pompa Transfer	Kapasitas	3	m3/jam
		Jumlah	1	pcs
		Daya	0,35	kW
4. PENGHANCUR KELEBIHAN OKSIDATOR				
1	Penghancur Oksidator	Kapasitas	8	GPM
		Jumlah	2	Set
5. SISTEM PENYARINGAN				
1	Pompa Filter	Daya	0,35	pcs
		Kapasitas	3	m3/jam
		Jumlah	1	pcs
1	Tabung Filter	Jumlah	2	pcs
		Material	FRP 10"	
		Kapasitas	2	m3/jam
6. PELINDUNG SISTEM (RUMAH MESIN IPAL)				
1	Rangka	Pipa Kotak MS		
		Dimensi keseluruhan (lantai samping rok atap & tepi genting sampai tepi genting)	3200x3200x2700	mm
2	Dinding	Tinggi Dinding dari lantai terbuat dari plate MS dengan pelapis powder coating	1000	mm
3	Lantai	Penutup rangka di atas 1000mm	BRC	
7. JARINGAN IPAL				
1	Jalur Pipa Limbah	PVC Diameter 1.5" AW	100	m
2	Jalur Listrik	Lapis Pelindung PVC Diameter 0.5" AW	100	m
		Kabel 2 x 0,75 mm2	100	m
3	Primary Sediment (pre-treatment)	Teknologi Biological Tube settler	PE/FRP	
		Jumlah	3	unit
4	Mini Collector	Kapasitas	1000	liter
		Jumlah	3	unit
5	Fat Trap (pre-treatment)	Material	PE/FRP	
		Kapasitas	100	liter
6	Equalization Tank (pre-treatment)	Jumlah	1	unit
		Material	PE/FRP	
7	Pompa Transfer	Kapasitas	2000	liter
		Jumlah	4	unit
8	Meteran Air	Tipe Pompa Celup Air Kotor		
		Daya	0,2	kW
		Kapasitas	40	liter/menit
9	Kontrol Unit Pompa Transfer		1	unit

- Note:
1. Spesifikasi dapat berubah sewaktu-waktu tanpa melakukan pemberitahuan terlebih dahulu
 2. Bentuk dan warna tidak mengikat, bisa berubah tanpa melakukan pemberitahuan terlebih dahulu, tanpa merubah kapasitas dan kinerja alat
 3. Memungkinkan penggabungan dengan sistem lain
 4. Dapat digunakan untuk penambahan kapasitas dengan sistem yang berbeda

PERSYARATAN PEMASANGAN

1. Tersedia Bak Tampung awal (septic tank) dengan kapasitas minimal 3x neraca air
2. Untuk penggabungan dengan sistem lama wajib diberitahukan kepada produsen

GARANSI DAN TRAINING

- | | |
|------------|---|
| Garansi | : 1 tahun, terhitung sejak tanggal uji fungsi |
| Training | : diberikan saat uji fungsi dan serah terima |
| Spare Part | : jaminan ketersediaan selama 5 tahun, berlaku sejak tanggal uji fungsi |



KATALOG BARTEC



Hospital Bed Series, Accessories, Patient Care,
Trolley, Infant Care, Bartlab, DII



Head Office

PT BAGDU UTAMA MANDIRI
Ruko The Icon, Horizon Broadway M2/20
BSD City, Tangerang, Banten, 15345

ICU/ICCU BED

21021-EL



SPECIFICATION

Construction

Made of combination of plastic and steel sheet, square pipes steel and pipes steel. Assembly with a system of MIG, TIG and SPOT welding process.

Part

1. Remote control :

Consist of 3 parts (sideguard on the right and left side, and on the outer foot panel.)

2. Mattress platform

Made of plastic and steel, painting with powder coating and emboss ventilation holes, easy to clean, completed with holes for infuse stand.

3. Head & Foot Panel

Polypropylene head & foot board, detachable & easy to clean.

4. Castor

Four castor, swivel 360° with central locking system.

5. Side guard

Made of plastic, 4 (four) separated section, automatic lock with gas spring.

6. Infuse Stand

Made of stainless steel pipe, adjustable height with screw lock, two hanger (hook) at four different position.

7. Power consumption

220 V AC / 50 Hz, ± 100 watt, back up power ± 10 minute.

Position

Back raise position, knee raise, Hi-Low position, Trendelenburg and reverse trendelenburg controlled with remote control.

Finishing

Epoxy powder coating.

Dimension (Approx)

Overall 2200 (L) x 990 (W) x 510 -770 (H) mm

3 CRANK ELECTRIC HOSPITAL BED

21031-EL



*e*catalogue
e-katalog@bptp.go.id

SPECIFICATION

Construction

Made of steel sheet, square steel pipe and steel pipe. Assembly with a system of MIG, TIG and SPOT welding process.

Part

1. Crank Mechanism

Operated with electric motor system complete with remote control, three function, three motors.

2. Mattress platform

Made of plastic or powder coated steel bed board with ventilation holes, easy to clean. perforated with emboss style. Equipped with mattress stopper and 4(four) drip holes for infuse stand

3. Head & foot panel

Head & foot board made of Polypropylene, detachable & easy to clean. Equipped with bumper (with humanization design for anti collision effect), located at each corner

4. Castor

Four castor, swivel 360° with central locking system.

5. Side guard

Made of polypropylene, detachable & easy to clean

6. Infuse Stand

Made of stainless steel pipe, adjustable height with screw lock. two hanger (hook), can be folded.

Accessories

- Urinal hook

Position

Back rest lifting angle : 0 - 75° (Approx)

Knee rest lifting angle : 0 - 35° (Approx)

Hi-Low : 640 - 430 mm (Approx)

Finishing

Epoxy powder coating

Dimension (Approx)

Overall 2155 (L) x 1050 (W) x 640 - 430 (H) mm

3 CRANK MANUAL HOSPITAL BED

2104



ecatalogue
e-katalog@bptp.go.id

SPECIFICATION

Construction

Made Of steel sheet, square steel pipe and steel pipe. Assembly with a system of MIG, TIG and SPOT welding process.

Part

1. Crank Mechanism

Adjustable manually by crank torque release system (crank can be rotated continuously without damage crank screw), crank handle can be folded

2. Mattress platform

Made of plastic or powder coated steel bed board with ventilation holes, easy to clean. perforated with emboss style. Equipped with mattress stopper and 4(four) drip holes for infuse stand

3. Head & foot panel

Head & foot board made of Polypropylene, detachable & easy to clean. Equipped with bumper (with humanization design for anti collision effect), located at each corner

4. Castor

Four castor, equipped with brakes in each one

5. Side guard

Made of aluminium alloy, with collapsible system and can be folded

6. Infuse stand

Made of stainless steel pipe, adjustable height with screw lock. Two hanger (hook), can be folded

Accessories

- Urinal Hook

Position

Back rest lifting angle : 0 - 70° (Approx)

Knee rest lifting angle : 0 - 45° (Approx)

Hi-Low : 730 - 530 mm (Approx)

Finishing

Epoxy powder coating

Dimension (Approx)

Overall 2160 (L) x 960 (W) x 530 - 730 (H) mm

2 CRANK MANUAL HOSPITAL BED

2108



*e*catalogue
e-katalog@ppg.go.id

SPECIFICATION

Construction

Made Of steel sheet, square steel pipe and steel pipe. Assembly with a system of MIG, TIG and SPOT welding process.

Part

1. Crank Mechanism

Adjustable manually by crank torque release system (crank can be rotated continuously without damage crank screw), crank handle can be folded

2. Mattress platform

Made of plastic or powder coated steel bed board with ventilation holes, easy to clean. perforated with emboss style. Equipped with mattress stopper and 4(four) drip holes for infuse stand

3. Head & foot panel

Head & foot board made of Polypropylene, detachable & easy to clean. Equipped with bumper (with humanization design for anti collision effect), located at each corner

4. Castor

Four castor, equipped with brakes in each one

5. Side guard

Made of aluminium alloy, with collapsible system and can be folded

6. Infuse stand

Made of stainless steel pipe, adjustable height with screw lock. Two hanger (hook), can be folded

Accessories

- Urinal Hook
- shoe rack under the bedboard

Position

Back raise lifting angle : 0 - 77° (Approx)

Knee raise lifting angle : 0 - 30° (Approx)

Painting

Epoxy powder coating

Dimension (Approx)

Overall 2080 (L) x 980 (W) x 475 (H) mm

1 CRANK MANUAL HOSPITAL BED

21011



*e*catalogue
e-katalog@bptp.go.id

SPECIFICATION

Construction

Made Of steel sheet, square steel pipe and steel pipe. Assembly with a system of MIG, TIG and SPOT welding process.

Part

1. Crank Mechanism

Adjustable manually by crank torque release system (crank can be rotated continuously without damage crank screw), crank handle can be folded

2. Mattress platform

Made of plastic or powder coated steel bed board with ventilation holes, easy to clean. perforated with emboss style. Equipped with mattress stopper and 4(four) drip holes for infuse stand

3. Head & foot panel

Head & foot board made of Polypropylene, detachable & easy to clean. Equipped with bumper (with humanization design for anti collision effect), located at each corner

4. Castor

Four castor 5" single wheel, equipped with brakes in each one

5. Side guard

Made of aluminium alloy, with collapsible system and can be folded

6. Infuse Stand

Made of stainless steel pipe, adjustable height with screw lock. Two hanger (hook), can be folded

Accessories

- Urinal hooks
- shoe rack under the bedboard

Position

Back raise lifting angle : 0 - 77° (Approx)

Finishing

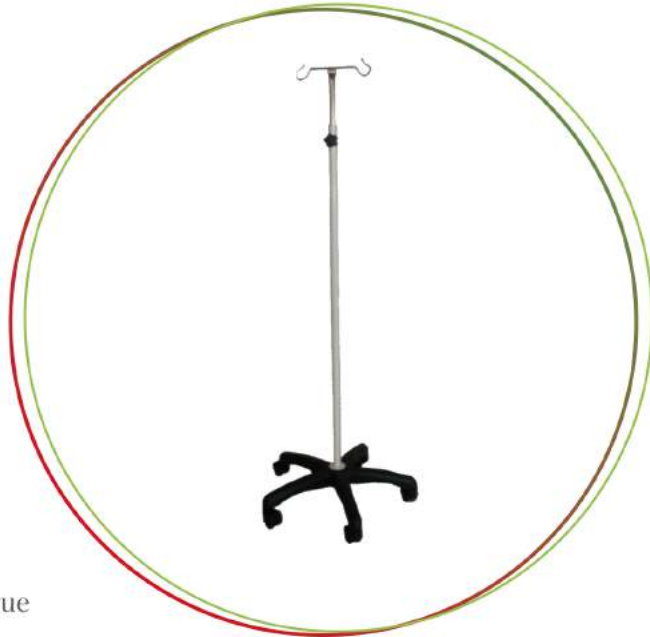
Epoxy powder coating

Dimension (Approx)

Overall 2080 (L) x 980 (W) x 475 (H) mm

INFUSE STAND STANDAR

23011



e catalogue
e-katalog.bpp.go.id

SPECIFICATION

Construction	: Uper stand made of Stainless steel pipe with two hooks .Adjustable height with locking screw.
Part	: - Plastic star with five castor - Castor : 5 (five) 2" castor, swivel 360°. - Hook : 2 (two) hook
Finishing	: Epoxy Powder Coating.
Dimension (Approx)	: Overall 500 (W) x 1200-2200 (H) mm.

H2O2 PLASMA STERILIZER

23081



e catalogue
e-katalog.bpp.go.id

SPECIFICATION

Volume	: 100 L
Sterilizing Room Size	: 700 x 430 x 360 mm
Outline Dimension	: 1080 x 800 x 1710 mm
Weight	: 290 kg
Standard Sterilizing Time	: 45 min
Sterilization Temperature	: 50 ± 5°C
Sterilizing Agent	: 60 % H2O2
Power Connection	: 220 V / 50 Hz
Total Power	: 3.95 Kw
Installation Environment Temperature	: 5 - 45°C
Minimum Installation Space	: 2000 x 3000 mm
Minimum Maintenance Distance	: 1 meter

ETHYLENE OXIDE (ETO) STERILIZER

23082



e catalogue
e-katalog.bpp.go.id

SPECIFICATION

Volume	: 120 L
Sterilizing Room Size	: 70 x 45 x 40 cm
Weight	: 248 kg
Power Connection	: 2.95 KW, 1 Phase 220 V, 50 Hz
Control Mode	: Programable Controller, a key start to the end, Automatic Completion
Sterilization Metode	: 100% ethylene oxide gas sterilization
Dimention	: 1080 (L) x 800 (W) x 1710 (H) mm

HOT AIR STERILIZER

23083



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e-katalog.bpp.go.id

SPECIFICATION

Capacity	: 105 L
Temp. Range	: RT + 10-250°C
Tempt. Precision	: 0.1°C
Shelves	: 2 pcs
Power Consumption	: 1600 W
Power Supply	: AC 220V ±10%, 50/60Hz; 110V ±10%, 60 Hz
External Size	: 840 (L) x 530 (W) x 730 (H) mm
Gross Weight	: 80 kg

VACUUM PULSE STERILIZER

23084



e catalogue
e-katalog.bpp.go.id

SPECIFICATION

Type	: Vertical
Volume	: 100L
Heating method	: Electric
Power	: 10 KW
Power Supply	: AC 380V, 50 Hz
Chamber Size	: 420 x 700 mm
Temperature Display	: LCD
Working Temperature	: 121°C / 134°C

OPERATING LAMP

230106



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SPECIFICATION

Ambient Temperature	: 5°C - 38°C
Relative Humidity	: 75%
Atmospheric Pressure	: 850hpa - 1050hpa
Power Voltage	: 220V / 110V ± 22V 50/60Hz±1Hz
Input Power	: 220VA
Illumination	: 100.000 Lux - 310.000 Lux
Color temperature	: 3.500 - 5000 K (Natural White)
Depth of light beam	: 800mm
Color rendering index	: 95 Ra
Lamp Holder	: Left & Right inclination : ≥200° Forward & Backward inclination : ≥200° Up & Down angle : ≥75°
Power switch fuse	: FS5A ; 250VAC
LED Power	: DC24V (0,5 W / 3 V x 8)

AUTOCLAVE 16 L

230131



*e*catalogue
e-katalog.lhpp.go.id

SPECIFICATION

Capacity	: 16 liter
Temperature of Environment	: 5°C - 40°C
Relative Humidity	: ≤ 80%
Atmospheric Pressure	: > 70 kPa
Frequency	: 50 Hz / 60 Hz
Power / Voltage	: 1750 W, 1 Phase 230 V ± 23 V



AUTOCLAVE 18 L

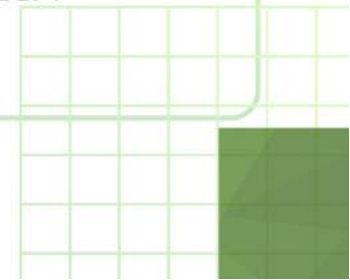
230132



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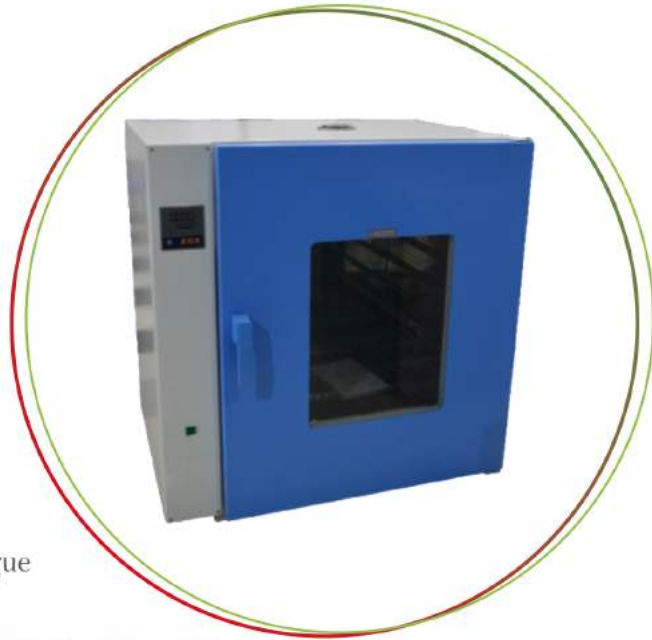
SPECIFICATION

Capacity	: 18 liter
Temperature of Environment	: 5°C - 40°C
Relative Humidity	: ≤ 80%
Atmospheric Pressure	: > 70 kPa
Frequency	: 50 Hz / 60 Hz
Power / Voltage	: 2000 W, 1 Phase 230 V ± 23 V



DRYING OVEN STERILIZER

230141



e catalogue
e-katalog.bppp.go.id

SPECIFICATION

Capacity	: 270 L
Temp. Range	: RT 50 - 200°C
Temp. Fluctuation	: ±1oC
Ambient Temp	: 5-40°C
Power Consumption	: 3000 W
Power Supply	: AC 220V ±10%, 50/60Hz
External Size	: 930 (L) x 810 (W) x 980 (H) mm
Gross Weight	: 150 kg

WASHER DISINFECTOR

230182



e catalogue
e-katalog.bppp.go.id

SPECIFICATION

Construction	: Made of stainless steel sheet.
Electrical Source	: 380 V, 50/60 Hz,
Overall Power Consumption	: 10 KW
Capacity	: 220 L
Washer Chamber Size	: 570 (L) x 600 (W) x 600 (H) mm
External Size	: 740 (L) x 940 (L) x 1900 (H) mm
Finishing	: Polishing
Gross Weight	: 400 kg

X-RAY FILM VIEWER

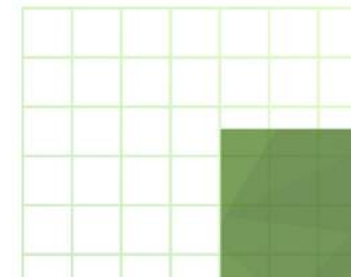
23062



*e*catalogue
e-catalog.ihpp.go.id

SPECIFICATION

Ukuran	: 1240 x 495 x 23 mm
Ukuran Layar	: 1072 x 422 mm
Sumber Cahaya	: LED
Temp. Warna	: 10.000 K
Konsumsi Daya	: 100 W, 1 Phase 220 V, 50 Hz
Berat Bersih	: ± 9.5 kg



EXAMINATION TABLE

2401



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SPECIFICATION

Construction	: Made of Stainless steell
Part :	
- Mattress	: Made from super foam with a layer of imitation leather, not translucent liquid
- Backrest	: Adjustable by telescopic mechanism
- Side Guard	: Optional
Finishing	: Polishing (SS)
Dimension	: Overall 2000 (L) x 750 (W) x 700 (H) mm

MOBILE STRETCHER

2402



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e-katalog.bppp.go.id

SPECIFICATION

Construction	: Made of stainless steel sheet.
Bagian	
- Back raise	: Adjustable manually by telescopic
- Mattres	: Made of foam, with imitation leather
Deck Mattress	: Made of multiplex
- Side Guard	: Made of Stainless Steel/Collapsible/Folding
- Castor	: 4 Castor 5", swivel 360 with two lock
- Infuse Stand	: made of stainless steel pipe, the height adjustable with two lock hock, with two different position
Accessories	: - Bracket Oxygen : Available - Safety Belt
Finishing	: Polishing
Dimension (Approx)	: 2000 (L) x 630 (W) x 800 (H) mm

STRETCHER HI-LOW & TR

24016



SPECIFICATION

Construction Part	: Made Of steel pipe, square and steel sheet
- Back raise	: adjustable by gas spring, elevation 0°-50°
- Hi-low	: adjustable manually by crank mechanism
- Mattress	: made of foam, with imitation leather
- Deck Mattress	: Made of multiplex
- Side Guard	: made of aluminium alloy, collapsible, automatic lock, (unlock system)
- Castor	: Castor 5", two with all brakes
- Infuse Stand	: made of stainless steel pipes
Mechanism :	
- Crank	: Adjustable manually by crank torque release system (crank can be rotated continuously without damage crank screw), crank handle can be folded
- Tredelenburg and Reverse tredelenburg	: Adjustable manually by gas spring
Finishing	: Epoxy Powder Coating
Dimension	: 2000 (L) X 700 (W) X 650 (H min) - 770 (H max) mm

TRANSFER STRETCHER HI-LOW ECO

2403-A



SPECIFICATION

Construction	: Made Of steel pipe, square pipe and steel sheet
Crank Mechanism	: Adjustable manually by crank torque release system (crank can be rotated continuously without damage crank screw). Crank can be folded.
- Back raise	: adjustable by gas spring, elevation 0°-50°
- Hi-low	: adjustable manually by crank mechanism
- Mattress	: made of foam, with imitation leather
- Deck Mattress	: Made of multiplex
- Side Guard	: made of aluminium alloy, collapsible, automatic lock, can be folded
- Castor	: 4 castor twin wheel
- Infuse Stand	: made of stainless steel pipes
Equipped	: Oxygen Bracker
Finishing	: Epoxy Powder Coating anti bacterial grade
Dimension	: 2000 (L) X 630 (W) X 920 (H) mm

TRANSFER STRETCHER

2403-AB



SPECIFICATION

Construction	: Made of steel pipe, square and steel sheet
Hi-Low	: Adjustable manually by crank
Deck mattress	: Made of multiplex
Mattres	: Made of acrylic laminated, can be moved
Side guard	: Made of aluminum alloy protective rails can be folded and hidden under the surface on no used
Castor	: Four castor Ø6", twin wheel, with central locking system
Infuse stand	: Available, Made of stainless steel pipe adjustable height with screw lock
Painting	: Epoxy powder coating anti bacterial grade
Dimension (approx)	: 1950 (L) x 630 (W) x 600 (H min) - 820 (H max) mm

FOLDING STRETCHER

2404



SPECIFICATION

Construction	: Made of stainless steel pipe, can be folded, welding with TIG system
Part :	
Back Raise	: adjustable manually by telescopic or gas spring
Mattress	: made of foam with imitation leather
Deck mattress	: made of multiplex or steel sheet
Slide guard	: made of Aluminium, can be lay down, lock automatically, push to open the key
Castor	: 4 (four) castor 5", swivel 360° with 2 lock
Infuse stand	: made of stainless steel pipe, the height adjustable with two lock hook, with two different position
Accessories	: - Bracket Oxygen - Safety Belt - Castor Controller
Finishing	: Polishing
Dimension (Approx)	: 2000 (L) c 630 (W) x 800 (H) mm, Flexible size (Optional by request)

GYNAECOLOGY EXAMINATION TABLE

2405



ecatalogue
e-katalog@ppg.ac.id

SPECIFICATION

Construction Part	: Made of mild steel or stainless steel pipe
Mattress	: Made from super foam with a layer of imitation leather, not translucent liquid
Up Table	: Back raise adjustable manually by telescopic mechanism
Castor	: 4 (four) 4" castors, two castor with brakes
Leg Support	: Made from sheet steel, covered with imitation leather, can be rotated 360° degrees and angle up to 45 degrees, is equipped with a lock from stainless steel, there is a high or low setting with a stainless pipes.
Basin	: Center of the table, made from stainless steel \varnothing 36 cm
Infuse Stand	: Made of stainless steel pipe, adjustable height with screw lock, two hanger (hook) at two different position
Dimension (Approx)	: Overall 2000 (L) x 750 (W) x 700 (H) mm

GYNAECOLOGY EXAM TABLE

2406



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e-catalog.bagpu.ac.id

A. SPESIFIKASI UMUM

1. Dimensi Luar (Range) : (P) 1550-1800 mm x (L) 600-795 mm x (T) 800-850 mm
2. Dimensi Dalam (Range) : (P) 1700-1740 mm x (L) 540-640 mm x (T) 800-850 mm
3. Bahan Pipa : Pipa Stainless Steel (SS) 304 (pipa bulat / kotak)
4. Konstruksi : Knockdown
5. Matras : Terbuat dari kayu multiplex, tebal 8-15 mm dilapisi busa tebal 50-80 mm dengan cover leather imitation warna biru muda
6. Pengatur kemiringan : Sistem gas spring atau manual, dengan elevasi 0-80°

B. SPESIFIKASI KHUSUS

1) Bagian Kaki Utama :

- Bahan** : Stainless Steel (SS) 304 Kotak uk. 20x20 atau 20x40 atau 40x40 (mm), tebal 1-1,5 mm
- Pipa Penghubung** : Stainless Steel (SS) 304 Kotak uk. 20x20 atau 20x40 atau 40x40 (mm), tebal 1-1,5 mm
- Aksesori** :
- Tempat dudukan tiang infus dan dudukan penyangga betis di lengkapi baut pengunci
- Pegangan tangan dari pipa SS 304, tebal ± 1,5 mm
- I.V Stand (infuse stand) terbuat dari pipa stainless steel
- Pada rangka kaki utama sebelah kanan & kiri bagian atas dari dudukan terdapat stamping marking / label yang langsung dicetak pada holo bisa berupa stiker / laser / sablon dengan tulisan : obgyn bed tidak diperjualbelikan

2) Bagian Sandaran Badan :

- Bahan** : Pipa Stainless Steel (SS) 304, tebal 1,5 mm Panjang 700-750 mm, lebar 500-550 mm
- Alas matras** : Multiplek tebal 8-10 mm dilapisi busa tebal 50-80 mm dengan cover leather imitation warna biru muda
- Pengatur Sandaran** : Sistem gas spring atau manual, dilengkapi tuas engkol untuk turun naik / lock dengan gerigi dan terkunci

3) Bagian Dudukan

- Bahan** : Pipa Stainless Steel (SS) 304 kotak, uk. 20x20 / 20x40 / 40x40 (mm), tebal 1,5 mm. Panjang 400-480 mm, Lebar 500-550 mm
- Alas Matras** : Terdapat 1/2 lingkaran pada pinggiran matras pada bagian lebar bagian bawah dengan diameter 200-220 mm yang bila di sambungkan dengan sandaran kaki akan membentuk lubang satu lingkaran. Bahan multiplek tebal 10 mm dilapisi busa 60 mm dengan cover leather imitation warna biru muda

OPERATING TABLE ELECTRIC

24091-A



SPECIFICATION

Dimension:

Overall	: 2230mm (L) x 550 - 600 (W) x 750-1000mm(H)
Bottom	: 910 x 625 x 140 mm

Length of head, back, main, leg section, Movement and Kidney :

Head	: 300mm
Back	: 380mm
Main	: 1080mm
Leg	: 580mm
Kidney support up	: 110mm
Movement backward to forward:	350mm

Castor

Front	: 75mm, Back 50mm
Back section up & down, Trendelenburg, and angel :	
Back section up	: 70°
Back section down	: 15°
Trendelenburg &	: 30°
Reverse Trendelenburg	
Lateral adjustment	: 25°
Manual leg section inclination	: -90°
Spread Angel of leg plates	: 100°
Head section inclination	: +45 degree till -90 degree

Net weight of overall table	: 380 kgs
Patient horizontal max load	: 175kg
Max load weight	: 275kgs
Power consumption	: 22-V/50-60 Hz, back up power ± 30 minutes, Integrated battery charge

OPERATING TABLE ELECTRIC

24091-A

Multi Operation position samples



Trendelenburg



Reverse Trendelenburg



Thoracic & Gallbladder operation



General operation



Chair position



Kidney operation



Gynaecology operation



Spinal Surgery



Thyroidectomy & Head & Neck surgery

Standard Accessories for 24091-A



Fasten Belt



wristler



Anesthetic Frame



IV Pole

Base Unit for 24091-A



Table & Electrical Set



Body holding suport



Arm Rest



Arm support



Shoulder suport



Leg suport standart



Leg support for Obgyn



Foot plate



fixing device for legs & arms



fixing device for other part



Waste Basin with Drainage System

Additional Accessories for 24091-A



Head Rest



Traction Device for C-Arm



Gyn Additional Section



Leg Surgery Support



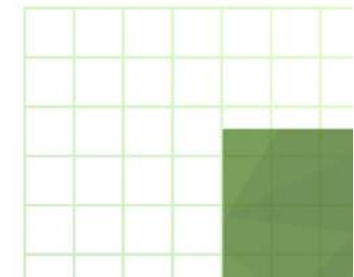
Arm & Hand Traction Set



Operation Clamp

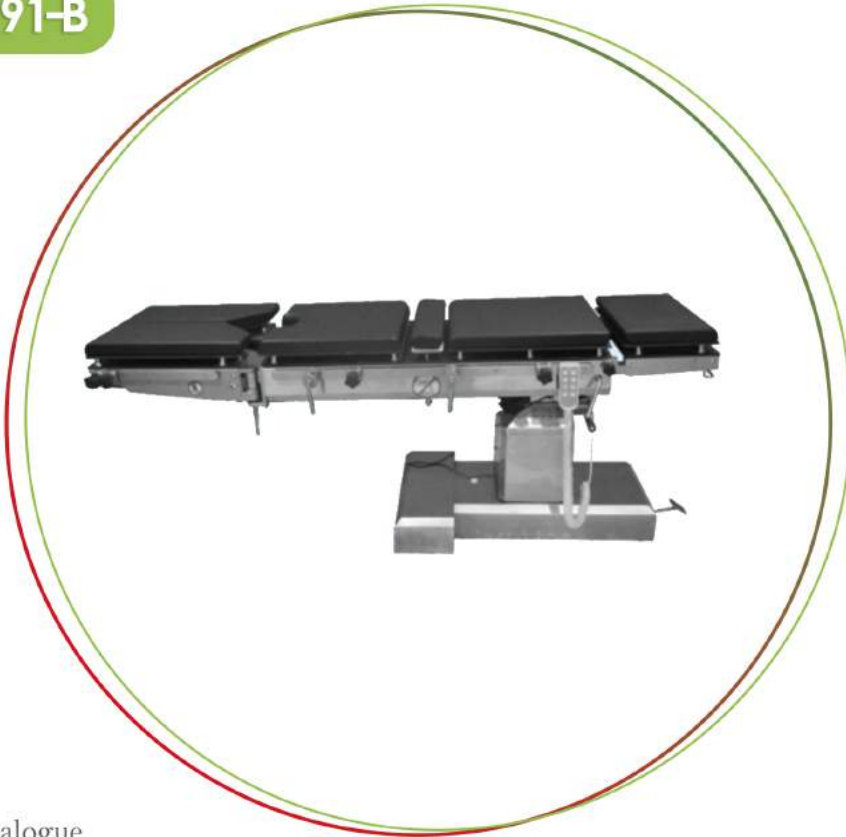


Fixing Device



OPERATING TABLE ELECTRIC

24091-B



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SPECIFICATION

Dimension :

± Overall : 2150mm (L) x 500 - 550 mm (W) x 750 - 1000 mm (H)
Bottom : 910 x 625 x 140 mm

Length of head, back, main, leg section, Movement and Kidney:

Head : 300mm
Back : 515mm
Main : 1080mm
Leg : 580mm
Kidney support up : 110mm
Movement backward to forward: 400mm

Castor

Front : 75mm, Back 50mm

Trendelenburg, and angel :

Trendelenburg & Reverse Trendelenburg : 30°
Lateral adjustment : 25°
Manual leg section inclination : -90°
Spread Angel of leg plates : 100°
Head section inclination : +45 degree till -90 degree

Net weight of overall table : 380 kgs

Patient horizontal max load : 175kg

Max load weight : 275 kgs

Power consumption : 220V/50-60 Hz, back up power ± 30 minutes,
Integrated battery charge

OPERATING TABLE ELECTRIC

24091-B

Multi Operation position samples



Base Unit for 24091-B



Standard Accessories for 24091-B



Additional Accessories for 24091-B



OBGYN CHAIR ELECTRIC

24091-C



e catalogue
e-katalog.bppgsd

SPECIFICATION

Dimension	: Overall
Castor	: Front 75mm, back 50mm
Net weight of overall	: 260 kg
Patient Horizontal Max. Load	: 175 kg
Power Consumption	: 220V/50-60Hz, back up power 30 minutes

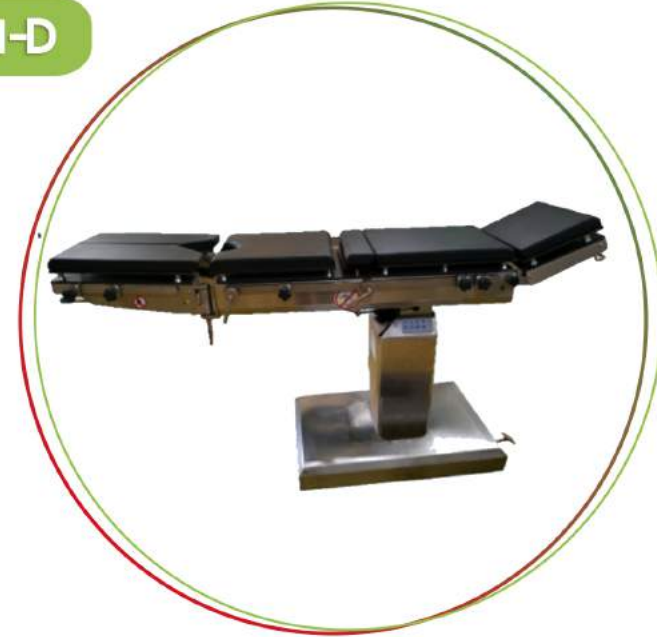
Features :

1. Electric Obgyn chair
2. Remote Control & double control
3. Durable usage with the stainless steel
4. One time finished medical poly surface, durable disinfection, detachable and washable
5. Unique design for supporting bottom, anti fluid design
6. Two different size castor for moving easily



OPERATING TABLE ELECTRIC STANDART

24091-D



e catalogue
e-katalog.bppgsd

SPECIFICATION

Dimension	: Overall 2140mm x 500-550mm x 800-1000mm
Castor	: Front 75mm, back 50mm
Length :	
- Head	: 300mm
- Back	: 515mm
- Main	: 1080mm
Lifting Angel :	
- Trendelenburg	: 30°
- Reverse Trendelenburg	: 30°
- Head section inclination	: 45° - 90°
Net weight of overall	: 290 kg
Patient Horizontal Max. Load	: 175 kg
Power Consumption	: 220V/50-60Hz, back up power 30 minutes

DENTAL UNIT STANDARD

240101



*e*catalogue
- Katalog Produk

SPECIFICATION

Dental Chair

- Consist of Adjustable Headrest and Backrest seat
- Comfortable design, made of mattress covered with PU Leather
- Dental Chair Dimension (overall) : 1750 (L) x 600 (W) x 1350 (H) mm (Approx)
- Hi-Low Position (from the bottom to the seat) : 750 - 480 mm (Approx)

Dental Operation Light : Infrared LED sensor light

Automatic Cup Filler : Automatic bowl rinsing and cup filling. Bowl made of glass. Can be rotated 90°

Dental Stool

Panoramic X-Ray Film Viewer : 220 V, 7 W, Dimension : 180 x 100 x 20 mm (Approx)
Unit Dimension (Overall) : 2550 (L) x 2300 (W) x 2080 (H) mm (Approx)



DENTAL UNIT STANDARD

240101

Additional Accessories (Sold Separately)



*e*catalogue
- Katalog Produk

SPECIFICATION

- High speed air turbine hand piece tie-in : 2 sets
- Max Rev of the high speed turbine : 300.000r/min
- Low speed air motor hand piece tie-in : 1 set
- Max Rev of the high speed motor : 20.000r/min
- 3 way syringe (cold & hot) : 2 pcs for hot & cold, and the dual (strong /weak) saliva ejectors
- Inductive air-locked rotary arm system : 1 set
- Input air pressure : 0,55 - 0,6 Mpa, Flux ≥ 50L/min
- Input water pressure : 0,2 - 0,4 Mpa, Flux ≥ 10L/min
- Electrical and gassous intregrated foot controller : 1 set

DENTAL UNIT LUXURIOUS

240102



e catalogue
- Katalog Pippipol

SPECIFICATION

Dental Chair

- Consist of High-grade Adjustable Headrest and Backrest seat
- Comfortable design, made of mattress covered with PU Leather
- Dental Chair Dimension (overall) : 1850 (L) x 500 (W) x 1450 (H) mm (Approx)
- Hi-Low Position (from the bottom to the seat) : 750 - 500 mm (Approx)

Dental Operation Light : Made of Infrared LED Sensor Light

Automatic Cup Filler : Automatic bowl rinsing and cup filling. Bowl made of ceramic

Dental Stool

Panoramic X-Ray Film Viewer : 220 V, 7 W,
Dimension : 360 x 240 x 30 mm (Approx)

Unit Dimension (Overall) : 2700 (L) x 2000 (W) x 2000 (H) mm (Approx)



DENTAL UNIT STANDARD

240102

Additional Accessories (Sold Separately)



e catalogue
- Katalog Pippipol

SPECIFICATION

- High speed air turbine hand piece tie-in : 2 sets
- Max Rev of the high speed turbine : 300.000r/min
- Low speed air motor hand piece tie-in : 1 set
- Max Rev of the high speed motor : 20.000r/min
- 3 way syringe (cold & hot) : 2 pcs for hot & cold, and the dual (strong/weak) saliva ejectors
- Inductive air-locked rotary arm system : 1 set
- Input air pressure : 0,55 - 0,6 Mpa, Flux ≥ 50L/min
- Input water pressure : 0,2 - 0,4 Mpa, Flux ≥ 10L/min
- Multifunctional foot controller : 1 set
- 24V noiseless DC Motor

SUCTION PUMP PORTABLE

240112



*e*catalogue
e-katalog.bppgsi.id

SPECIFICATION

Dimension	: 410 (L) x 160 (W) x 245 (H) mm
Min tekanan Negatif	: -0.08 MPa
Max tekanan Negatif	: 60 dB
Power	: AC 220 VA 50 Hz 2.9 A , 1/8 HP
Kapasitas Reservoir	: 1200 ml/pcs: 1 buah



SUCTION/ VACUUM COMPRESSOR FOR DENTAL OR OTHERS

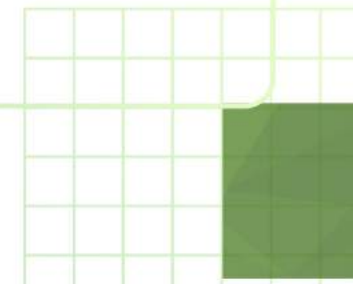
240113



*e*catalogue
e-katalog.bppgsi.id

SPECIFICATION

Construction	: Made of mild steel
Finishing	: Epoxy Powder Coating
Dimension (Approx)	: Overall 380 (L) x 300 (W) x 800 (H) mm
Power	: 300 W, 220 V, 50 Hz,
Pressure	: -12 kPa



WHEEL CHAIR

24015



e catalogue
e-katalog.bppgsi.id

SPECIFICATION

Construction	: Made of steel pipe
Bagian :	
- Backrest and seat	: made of foam, imitation leather
- Armrest and footrest	: made of plastic and nylon
- Castor	: Main wheel rubber 24" with breaks, front wheel 5"
Accessories	: Infuse stand, adjustable height
Dimension	: Overall 400 (L) x 460 (W) x 870 (H) mm



ELECTRIC WHEEL CHAIR

24015-EL



e catalogue
e-katalog.bppgsi.id

SPECIFICATION

Dimension, Net Weight (Approx)	: 1020 (L) x 650 (W) x 990 (H) mm, 50 kg
Capacity	: Max 110 kg
Castor and Driving Wheel Dimension	: Castor 200 mm (8"), Driving Wheel 330 mm (12.5") Seat Width 400 (L) x 410 (W)
Speed	: 0-6 km/h,
Running Distance	: 20 km,
Creeping Capacity	: 12°
Electrical Spec	: Motor 2x168 W, Charging Current 3.5A, Charging Input AC 220V, Battery Power 2x12V=24V, 24 Ah

EMERGENCY TROLLEY STANDARD

25041



e catalogue
e-katalog.bppgsi.id

SPECIFICATION

- Construction** : Made of mild steel sheet and pipes
- Part**
- Infused stand,
 - Bracket oxygen,
 - Electrical terminal and lock
 - Three drawers
 - One cupboard and top tray
 - Castor : four castor 5", two with brakes
- Finishing** : Epoxy Powder Coating
- Dimension (Approx)** : Overall 970 (L) x 500 (W) x 1330 (H) mm



EMERGENCY TROLLEY LUXURIOUS

25042



e catalogue
e-katalog.bppgsi.id

SPECIFICATION

- Construction** : Made of mild steel sheet and pipes
- Part**
- Infused stand,
 - Bracket oxygen,
 - Electrical terminal and lock
 - Three drawers
 - One cupboard and top tray
 - Castor : four castor 5", two with brakes
- Finishing** : Epoxy Powder Coating
- Dimension (Approx)** : Overall 970 (L) x 500 (W) x 1330 (H) mm

EMERGENCY TROLLEY LUXURIOUS COMPLETE

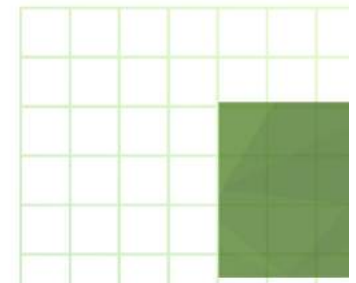
25043



*e*catalogue
e-katalog.bppgsid

SPECIFICATION

Construction	: Made of stainless steel sheet and pipes
Part	
- Infused stand	
- Bracket oxygen	
- Electrical terminal and lock	
- 3 (three) drawers	
- One cupboard and top tray	
- Castor	: four castor 5", two with brakes
Finishing	: Polishing
Dimension (Approx)	: Overall 970 (L) x 500 (W) x 1330 (H) mm



INCUBATOR DIGITAL CONTROL

26012



SPECIFICATION

Construction

: Made of square pipe, steel sheet and acrylic.

Base construction

: Made of square steel pipe

Part

- Mattress

: Made of foam with vinyl cover

- Temperature control

: Digital System, 27°-36° C

- Temperature alarm

: 36°C alarm test

- Power supply & Consumption

: 220 VAC, 50Hz, ± 175 watt

- Panel Control

: Temperature control digital system

- Optional

: RH Indicator, Weighing Scale

- Castor

: Equipped with castor 4", all with brakes

- Handle

: Made of stainless steel pipe

- Equipped

: One cupboard, two shelf, Infuse stand and room temperature infuse stand and room temperature

- Skin Temperature

: Available

Finishing

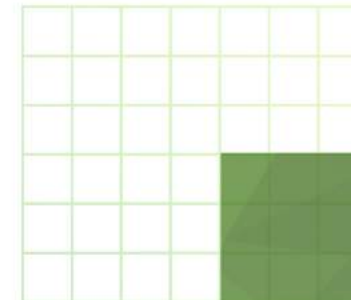
: Epoxy powder coating

Dimension (Approx)

: Overall 950 (L) x 500 (W) x 1360 (H) mm

Weight

: ± 40kg



INFANT WARMER

2602



SPECIFICATION

- **Construction**
Made of mild steel and stainless steel
- **Mattress**
Made of foam, covered with vinyl
- **Side Guard**
Made of Acrylic, detachable
- **Castor**
Equipped with castor 3"
- **Infuse Stand**
Made of stainless steel pipe with two hook
- **Completed with**
Servo control mode : Air temperature
Instant parameter display : set temp, skin temp, heat power rate
Audible / Visual alarms : temp deviation, sensor failure, power failure, temp Override
X-Ray cassette tray under infant bed
- **Dimension**
900 (P) x 500 (L) x 800 (H Table), 1800 (H Lamp)
- **Optional**
Neonate phototherapy light
Additional 2 white phototherapy light

BLUE LIGHT PHOTO THERAPY

2603



e catalogue
e-katalog.bpp.go.id

SPECIFICATION

Construction Part	: Made of square steel pipes and steel sheet
- Upper	: Made of square stainless steel pipes, adjustable height with lock
- Lamp Power	: 20 W x 6 =120 W.
- Castor	: Equipped with four castor 2"
Blue Light Length	: 425 - 475 nM
Finishing	: Epoxy Powder Coating
Dimension (Approx)	: Overall 500 (L) x 500 (W) x 700 (H) mm

BABY BASKET

26042



e catalogue
e-katalog.bpp.go.id

SPECIFICATION

Construction Part	: Made of mild steel pipes
- Basket	: Made of mild steel with transparent acrylic on each side, detachable
- Mattress	: Foam with vinyl cover.
- Castor	: Equipped with 2" castor.
Position	: Manually to adjust normal position, trendelenburg and reserve trendelenburg
Finishing	: Epoxy powder coating
Dimension (Approx)	: Basket : 600 (L) x 350 (W) x 350 (H) mm Trolley : 660 (L) x 410 (W) x 720 (H) mm

1 CRANK MANUAL HOSPITAL BED

21011M



*e*catalogue
e-katalog@bptp.go.id

SPECIFICATION

Construction : Made Of steel sheet, square steel pipe and steel pipe. Assembly with a system of MIG, TIG and SPOT welding process

Part

1. Crank Mechanism

Adjustable manually by crank torque release system (crank can be rotated continuously without damage crank screw), crank handle can be folded

2. Mattress platform

Made of plastic or powder coated steel bed board with ventilation holes, easy to clean. perforated with emboss style. Equipped with mattress stopper and 4(four) drip holes for infuse stand

3. Head & foot panel

Head & foot board made of Polypropylene, detachable & easy to clean. Equipped with bumper (with humanization design for anti collision effect), located at each corner

4. Castor

Four castor 5" single wheel, equipped with brakes in each one

5. Side guard

Made of aluminium alloy, with collapsible system and can be folded

Accessories

: - Urinal hooks
- shoe rack under the bedboard

Position

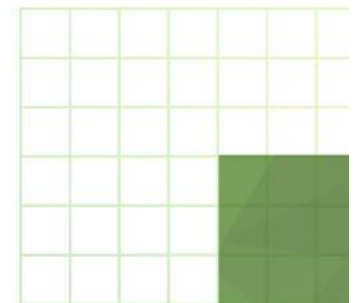
: Back raise lifting angle : 0 - 77° (Approx)

Finishing

: Epoxy powder coating

Dimension (Approx)

: Overall 2080 (L) x 980 (W) X 475 (H) mm



2 CRANK MANUAL HOSPITAL BED

2018M



ecatalogue
e-katalog@bptp.go.id

SPECIFICATION

Construction : Made Of steel sheet, square steel pipe and steel pipe. Assembly with a system of MIG, TIG and SPOT welding process

Part

1. Crank Mechanism

Adjustable manually by crank torque release system (crank can be rotated continuously without damage crank screw), crank handle can be folded

2. Mattress platform

Made of plastic or powder coated steel bed board with ventilation holes, easy to clean. perforated with emboss style. Equipped with mattress stopper and 4(four) drip holes forinfuse stand

3. Head & foot panel

Head & foot board made of Polypropylene, detachable & easy to clean. Equipped with bumper (with humanization design for anti collision effect), located at each corner

4. Castor

Four castor 5" single wheel, equipped with brakes in each one

5. Side guard

Made of aluminium alloy, with collapsible system and can be folded

Accessories : - Urinal hooks
- shoe rack under the bedboard

Position : Back raise lifting angle : 0 - 77° (Approx)
Knee raise lifting angle : 0 - 30° (Approx)

Finishing : Epoxy powder coating

Dimension (Approx) : Overall 2080 (L) x 980 (W) x 475 (H) mm

BED 1 CRANK MANUAL

101-DS



SPECIFICATION

Konstruksi : Terbuat dari lembaran / plat besi, pipa kotak besi dan pipa besi. Pengelasan dengan menggunakan sistem MIG,TIG dan proses pengelasan SPOT

Bagian

Mekanisme Crank / Ulir :

Pengaturan secara manual oleh sistem crank / ulir (dapat dirotasi secara terus menerus tanpa merusak ulir), pegangan crank dapat dilipat.

Platform matras :

Terbuat dari plastik / besi yang di cat menggunakan powder coating dengan lubang ventilasi emboss, mudah untuk dibersihkan, dan dilengkapi dengan penahan matras dan lubang untuk dudukan tiang infus.

Panel Kepala & kaki :

Papan kepala & kaki terbuat dari polypropylene, dapat dilepas dan mudah dibersihkan. Dilengkapi dengan bumper (dengan desain humanisasi untuk efek anti benturan), yang terletak di setiap sudut

Roda :

Terdapat 4 (empat) buah roda, masing-masing dilengkapi dengan rem

Pelindung / Pengaman Samping :

Terbuat dari campuran aluminium, dengan sistem lipat dan mudah dilipat

Tiang Infus :

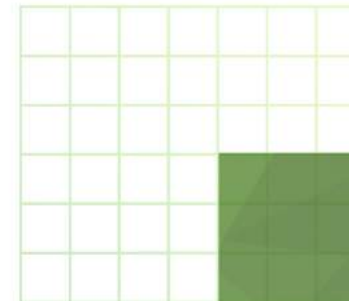
Terbuat dari pipa stainless, dilengkapi dengan dua gantungan (hook)

Posisi : Sandaran punggung dapat diatur

Beban Maksimal : ± 180 Kg

Pengecatan : Epoxy powder coating

Dimensi (Keseluruhan) : 2080 (P) x 980 (L) x 475 (T) mm



BED 2 CRANK MANUAL

102-DS



SPECIFICATION

Konstruksi : Terbuat dari lembaran / plat besi, pipa kotak besi dan pipa besi. Pengelasan dengan menggunakan sistem MIG,TIG dan proses pengelasan SPOT

Bagian

Mekanisme Crank / Ulir :

Pengaturan secara manual oleh sistem crank / ulir (dapat dirotasi secara terus menerus tanpa merusak ulir), pegangan crank dapat dilipat.

Platform matras :

Terbuat dari plastik / besi yang di cat menggunakan powder coating dengan lubang ventilasi emboss, mudah untuk dibersihkan, dan dilengkapi dengan penahan matras dan lubang untuk dudukan tiang infus.

Panel Kepala & kaki :

Papan kepala & kaki terbuat dari polypropylene, dapat dilepas dan mudah dibersihkan. Dilengkapi dengan bumper (dengan desain humanisasi untuk efek anti benturan), yang terletak di setiap sudut

Roda :

Terdapat 4 (empat) buah roda, masing-masing dilengkapi dengan rem

Pelindung / Pengaman Samping :

Terbuat dari campuran aluminium, dengan sistem lipat dan mudah dilipat

Tiang Infus :

Terbuat dari pipa stainless, dilengkapi dengan dua gantungan (hook)

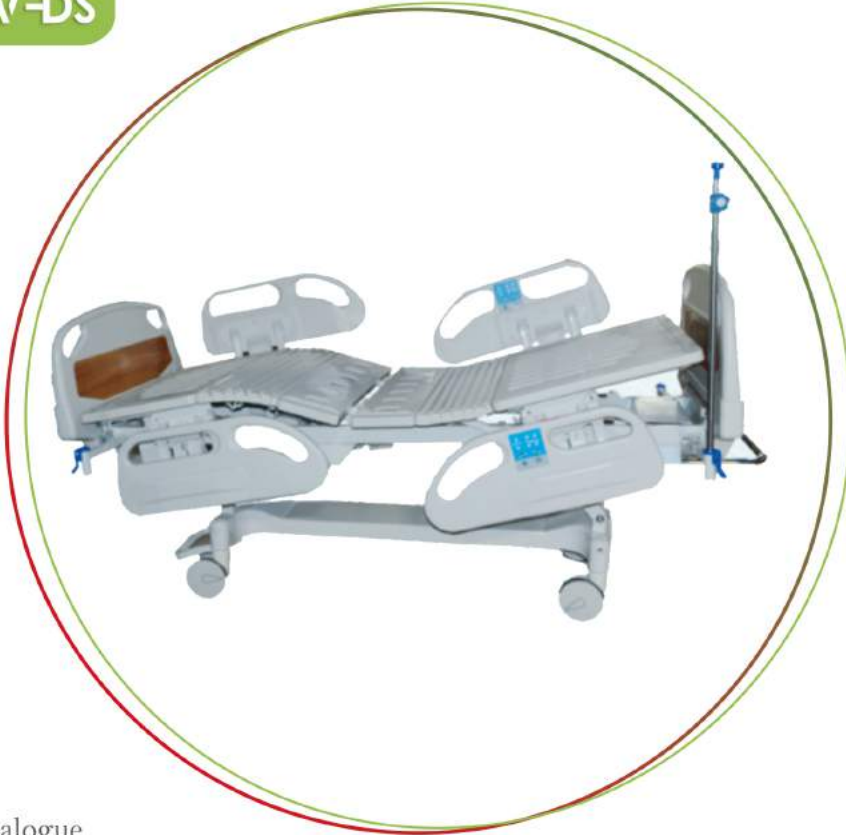
Posisi : Sandaran punggung dan lutut dapat diatur

Pengecatan : Epoxy powder coating

Dimensi (Keseluruhan) : 2080 (P) x 980 (L) x 475 (T) mm

VIP/VVIP ELECTRIC HOSPITAL BED

104V-DS



SPECIFICATION

Construction	: Made of combination of plastic and steel sheet, square pipes and pipes. Assembly with a system of MIG, TIG and SPOT welding process.
Position	: Back raise position, knee raise, Hi-Low position, Trendelenburg and reverse trendelenburg controlled with remote control.
Finishing	: Epoxy powder coating
Dimension (Approx)	: Overall 2200 (L) x 990 (W) x 510 -770 (H) mm
Part	
1. Remote control	: sideguard on the right and left side, and on the outer foot panel.
2. Mattress platform	: Made of stainless steel, painting with powder coating and emboss ventilation holes, easy to clean, completed with holes for infuse stand.
3. Head & Foot Panel	: Polypropylene head & foot board, detachable & easy to clean.
4. Castor	: Four castor, swivel 360° with central locking system.
5. Side guard	: 4 separated section, automatic lock with gas spring
6. Infuse Stand	: Made of stainless steel pipe, adjustable height with screw lock, two hanger (hook) at four different position.
7. Power consumption	: 220 V AC / 50 Hz, ± 100 watt, back up power ± 10 minute

BIO SAFETY CABINET CLASS A2

10041



*e*catalogue
e-katalog@bptp.go.id

SPECIFICATION

Work Surface Height	: 750 mm, with max opening 400 mm
Inflow & Downflow Velocity	: inflow : 0,53m/s ; downflow : 0,33m/s
HEPA Filter	: 99% efficiency at 0,3um
Front window	: motorized, side and front winds made of 5 mm anti UV glass
UV Lamp	: 30W, 1 pcs
Fluorescent Lamp	: 21W, 2 pcs, illumination \geq 1000 Lux
Waterproof Socket	: Two, total load 500W
Control System	: Microprocessor
Airflow system	: 70% air recirculation, 30% air exhaust
Power Supply	: AC220V, 60Hz ; 110 V, 60 Hz
Standart Accessories	: Fluorescent lamp, 2 pcs UV lamp, Base Stand, Remote control, foot switch, drain valve, and 2 pcs waterproof sockets
Display	: LCD Display : exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time, etc
Visual and Audio Alarm	: Filter replacement, window over height, abnormal airflow velocity
Dimension (Approx)	: Overall External : 1100 x 740 x 2130 mm ; internal 920 x 500 x 550 mm
Material	: Work table made of stainless steel steel, main body made of steel with powder

BIO SAFETY CABINET CLASS B2

10042



SPECIFICATION

Max Opening	: 750 mm, with max opening 420 mm
Inflow & Downflow Velocity	: inflow : 0,53m/s \pm 0.025 m/s; downflow : 0,33m/s \pm 0.025 m/s
HEPA Filter	: 99 % efficiency at 0,3um
Control System	: Microprocessor
Front window	: motorized, 5 mm toughened glass, anti UV
UV Lamp	: 30W, 1 pcs, UV Timer, UV Life Indicator
Waterproof Socket	: two, total load of two socket, 500 W
Display	: LCD Display, exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time, etc
Visual and Audio Alarm	: Filter Replacement, Window Over height, Abnormal air flow velocity
Airflow system	: 0% air recirculation, 100% air exhaust
Power Supply	: AC220V \pm 10%, 50/60Hz
Standart Accessories	: Fluorescent lamp, 2 pcs UV lamp, Base Stand, Remote control, Exhaust Blower, Exhaust Duct, Foot Switch, Drain Valve, 2 Pcs Waterproof Socket, 2 Pcs Pipe Strap
Dimension (Approx)	: Overall External : 1100 x 740 x 2130 mm ; internal 920 x 500 x 550 mm
Material	: Work table made of stainless steel steel, main body made of steel with powder coating

VENTILATOR COVENT-20



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SPECIFICATION

Group	: Non radiative electromedic / IIB / C
Product Category	: Anesthesia Devices
Sub Category	: Anesthesia Therapeutic
Product Type	: Ventilator Transport Volume Controlled Mandatory
Ventilation Mode	: Ventilation (CMV) and Continuous Positive Airway Pressure (CPAP)
I:E Ratio	: 1:1 and 1:2
Respiration Rate	: 10-20 breaths per minute (bpm)
Tidal Volume	: 300 – 600 mL
PEEP/CPAP	: 5 – 20 cmH2O
Inspiration Pressure	: 5 – 45 cmH2O
Oxygen Rate / FiO2	: 60-100%
Disposable Ventilation Hoses (Breathing Circuit)	: Spiral Silicon Rubber Positive End Expiratory Pressure (PEEP) Valve Masking standard for adult/children
Bacteria Filter	: HME filter
Dimension (L x W x H)	: 340 x 280 x 180 mm
Display	: LCD 20 x 4
Alarm	: Audio dan Visual
Battery Alarm	: Low Battery
Oxygen Gas Alarm	: High oxygen pressure; low oxygen pressure; no oxygen input.
Battery	: Lithium 12,6 V; 4000mAh Operation time > 4 hours
Power Supply	: AC: 100-240 V; 50/60Hz DC: 12 V; 2 AAdapter
Weight	: 3,5 Kg

SURGICAL FACE MASK



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Medical-Grade material used

Highly efficient filtration

Optimal Comfort

Terbuat dari bahan Non-woven yang lembut dan memiliki pori merata sehingga dapat bernafas dengan lega.

Lapisan ke-2 terbuat dari Meltblown dengan BFE (Bacterial Filtration Efficiency)

Nyaman di pakai dan tidak berbau

