

**MEDICAL GAS SYSTEM**



# **PRODUCT CATALOGUE**

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# MEDICAL GAS SYSTEM



## HEAD CONSOLE FOR HOSPITAL ROOM

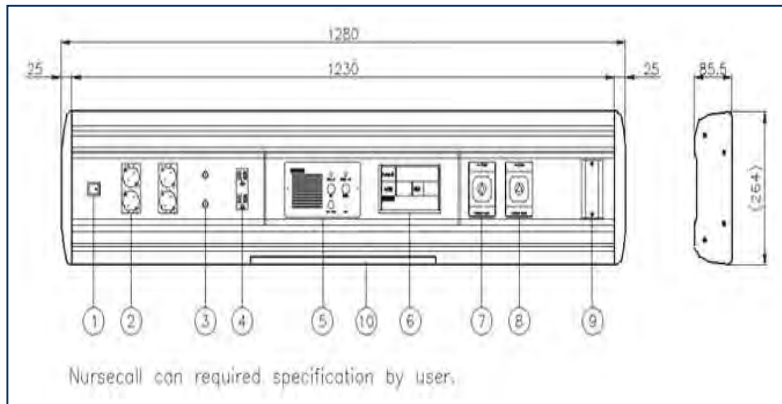


■ A supplementary device that helps control the central provision of oxygen or gases at hospitals and clinics. It can be used with the attachment of a suction device or a breathing aid.

■ Model : ONV-WP-A-DC-001

■ Specification

- Gas / Outlet Center Pitch : 84mm
- Width : 1,280mm (Can be modified depending on customer request)
- Main Frame Thickness : 2.5~3.5t
- Panel Thickness : 2.3t
- Cover Profile Thickness : 2.3t



Nursecall can required specification by user.

NO	Description	Specification	Q'ty	NO	Description	Specification	Q'ty
1	Switch	Standard	1	6	Nave Plate	Standard	1
2	220V Receptacle	Duplex	2	7	Oxygen Outlet	Pin Index Type	1
3	Ground Jack	Duplex	1	8	Vacuum Outlet	Pin Index Type	1
4	110V Receptacle	Duplex	1	9	Slide Base	Aluminium t2.0	1
5	Nurse Call	Option	1	10	Flurescent Lamp	220V, 20W	1

# MEDICAL GAS SYSTEM



## DESK WALL FOR EMERGENCY ROOM

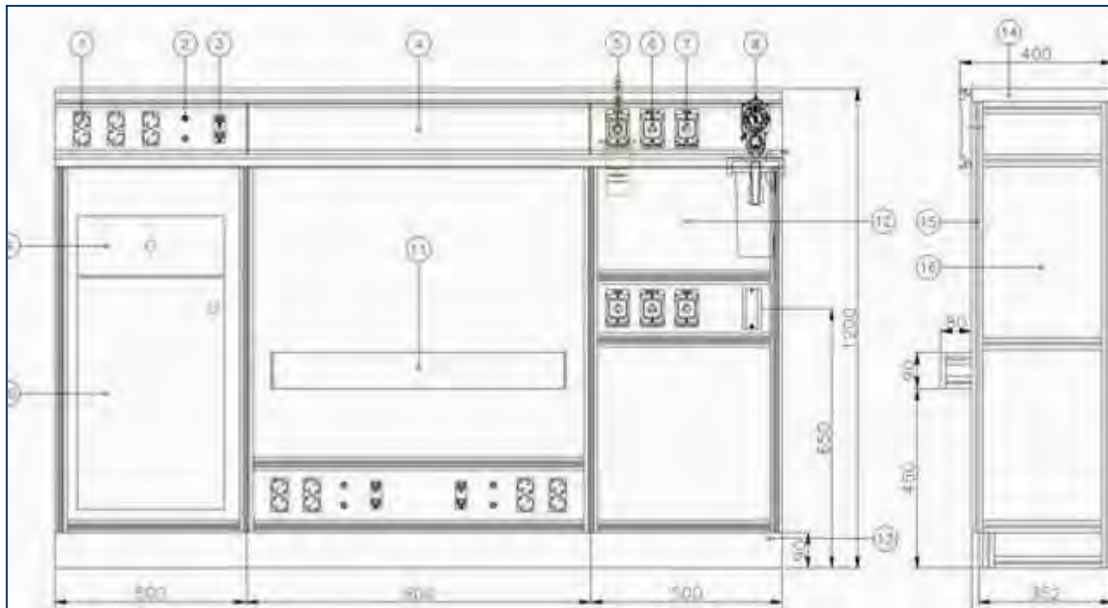


■ A supplementary device that helps control the central provision of oxygen or gases at hospitals and clinics. For use at patient rooms, it can be used with the attachment of a suction device or a breathing aid.

■ Model : ONV-DW-A-01

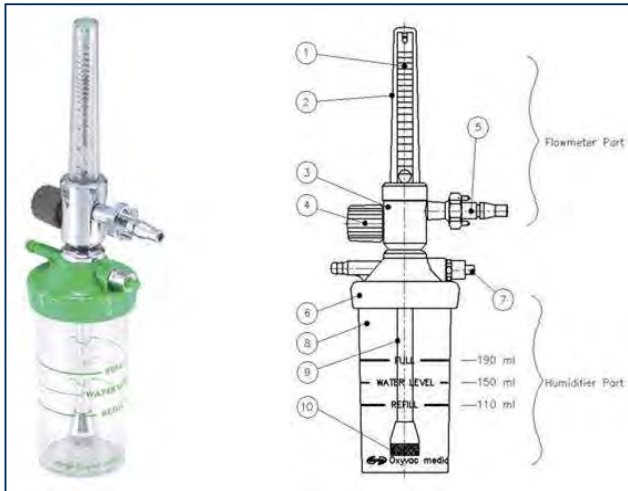
### ■ Specification

- Size: Order production is possible by sizes reflecting customer request
- Console : Selection of sizes and outlets in accordance with customer request
- Side Panel Thickness : 2t (Baked Powder Painting)
- Top Cover : MPM 30t (Wilson Art)
- Main Frame : Al Profile 30m/m
- Bed Bumper : Al Profile 12m/m



## BREATHING AIDS

### ► Bubble Jet Flowmeter



#### ■ Specification

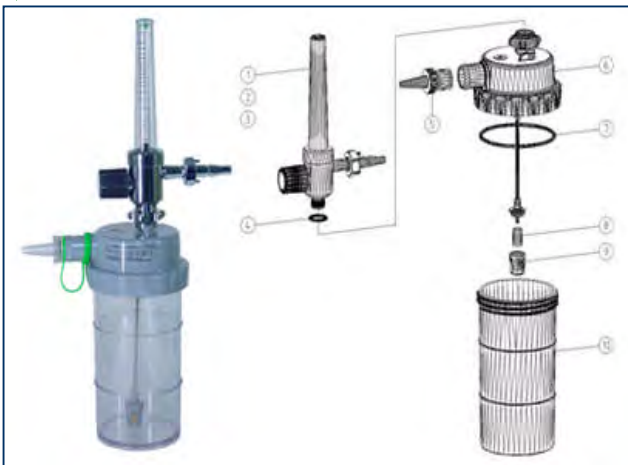
- Humidification Method : Gas Powered Type
- Oxygen Employed : Medical oxygen with purity of 99.5% or higher
- Standard Pressure : 3.5 kgf/cm<sup>2</sup>
- Input Pressure : 3~5 kgf/cm<sup>2</sup>
- Maximum supply of fluids: Within Flowmeter 60N l/min
- Noise : Below 65db at one-meter distance from the device
- Humidity level (at 36.5°C): Bubble mode - 21% / 12l/min ~ 45% / 2l/min,  
Jet mode - 3% / 3l/min ~ 70% / 8l/min
- Outlet Size : Inner diameter  $\Phi 3/16 \sim \Phi 5/16$  inch Hoses and tubes with 21~23mm diameters can be used

- Safety valve : Operable at 2 psi or above

A breathing aid that helps provide optimum amounts of oxygen or humidity in Bubble Mode (2l/min) or Jet Mode(8l/min) by using medical plumbing facilities while watching the gauge ball in accordance with the doctor's instructions.

■ Model : BJ-015

### ► Bubble Flowmeter



#### ■ Specification

- Humidification method : Gas Powered Type
- Oxygen employed : Medical oxygen with purity of 99.5% or higher
- Standard pressure : 4.0 ±0.5 kgf/cm<sup>2</sup>
- Input pressure : 3~5 kgf/cm<sup>2</sup>
- Maximum supply of fluids : Within Flowmeter 60N l/min
- Noise : Below 65db at one-meter distance from the device
- Humidity level (at 36.5°C):  
25% / 12l/min ~ 50% / 12l/min,  
Jet mode : 3% / 3l/min ~ 70% / 8l/min
- Outlet Size : Inner diameter  $\Phi 3/16 \sim \Phi 5/16$  inch
- Safety valve : Operable at 8.5 psi or above

A breathing aid that helps supply optimum levels of oxygen or humidity to patients by using medical plumbing facilities while watching the gauge ball in accordance with the doctor's instructions.

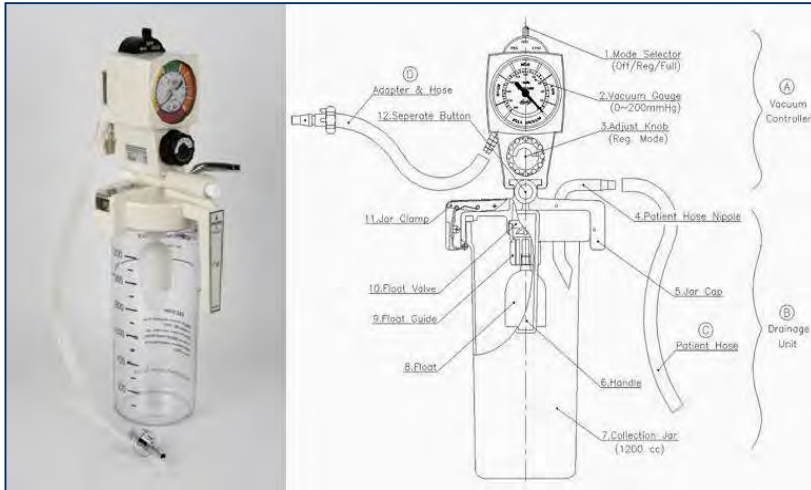
■ Model : BB-015

# MEDICAL GAS SYSTEM



## MEDICAL SUCTION DEVICES - I

### ► Wall Suction



#### ■ Specification

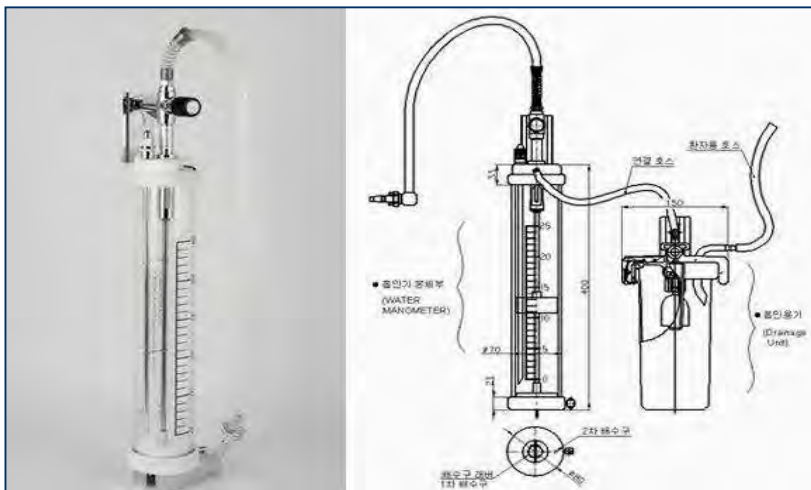
- Gases employed : Medical suction (Vacuum)
- Standard suction pressure : 500±100 mmHg
- Maximum suction pressure: 760 mmHg
- Noise : Below 65db at one-meter distance from the device
- Suction pressure adjustment range : 0~200 mmHg
- Suction mode Off : suction pressure cut-off,  
Reg : continuous suction under adjusted pressure,  
Full : Maximum suction pressure

- Minimum suction fluids : 20 l / min
- capacity of the suction bowl : 1,200cc
- safety feature : use of Overflow Protector

A medical sucker that is used for sucking blood, body fluids or phlegm by using vacuum pressure when operating on or treating a patient.

■ Model : ONV-S-W01

### ► Thoracic Suction



#### ■ Specification

- Gases employed : medical suction (Vacuum)
- Noise : Below 60db at one-meter distance from the device
- Suction fluid adjustment range : 0~8 l/min / 18.4mmHg
- Suction pressure adjustment range : 0~18.4mmHg
- Capacity of cylinder water purifier : 800cc
- outside features of the cylinder :  $\Phi 65 \times L355$  outer diameter  $\Phi 70 \times$   
inner diameter  $\Phi 65 \times L355$

- capacity of the suction bowl : 1,200cc
- standard vacuum pressure : 750mmHg
- safety feature : use of Overflow Protector

A medical device for continuously sucking foreign materials from the patient under pressure of 0~18.4mmHg or below at surgical operation areas (heart-related), recovery rooms or emergency rooms in hospitals equipped with plumbing facilities for medical gases.

■ Model : TS-250

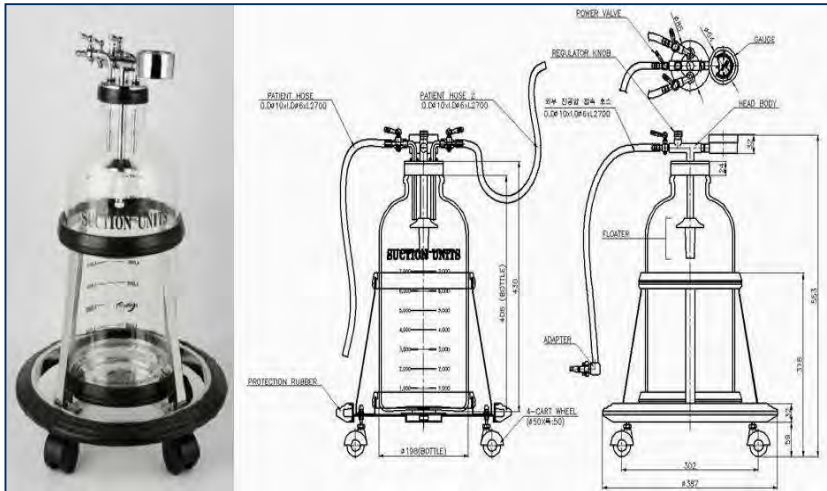


# MEDICAL GAS SYSTEM



## MEDICAL SUCTION DEVICES - II

### ► Movable Suction



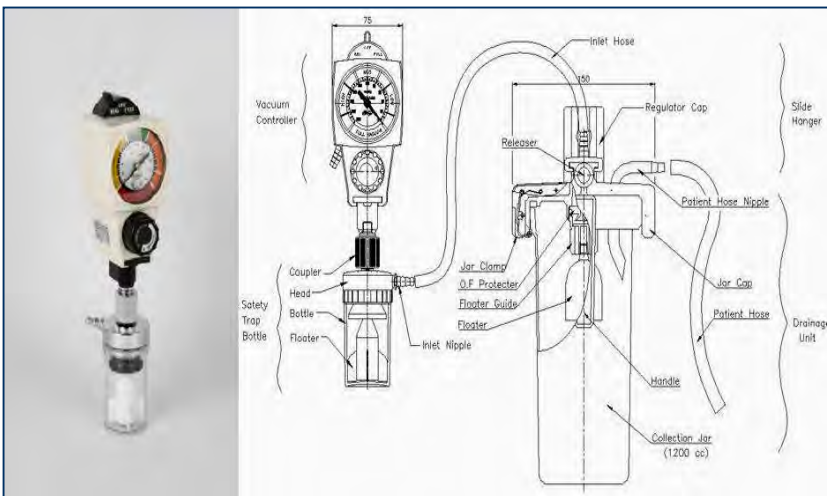
#### ■ Specification

- Gases employed : medical suction (Vacuum)
- Noise : Below 60db at one-meter distance from the device
- Capacity of the glass suction bowl: 8,000cc
- Minimum suction fluids : 20ℓ/min
- outside vibration suction pressure adjustment range : 0~760mmHg
- standard vacuum pressure : 750mmHg
- safety feature : use of Overflow Protector
- bowl size : outer diameter Φ198mm, height 430mm

A medical sucker that is used when continuous suction is needed under relatively high vacuum pressure of 0~750mmHg when operating on or treating a patient at hospitals.

■ Model : MS-8000

### ► Trap Bottle Suction



#### ■ Specification

- Gases employed : medical suction (Vacuum)
- Maximum suction pressure : 760mmHg
- Noise : Below 60db at one-meter distance from the device
- Suction pressure adjustment range : 0~200mmHg / Full Vacuum
- suction mode Off : suction pressure cut-off, Reg : continuous suction under adjusted pressure, Full : Maximum suction pressure
- Minimum suction fluids : 20ℓ/min
- capacity of overflowing fluids prevention device: Max. 100cc
- overflowing fluids prevention range Reg mode : 50cc, Full mode : 100cc
- Minimum emission fluids: 1.5 ℓ/min

A medical sucker that is used for sucking blood, body fluids and phlegm by using outside vacuum pressure while operating on or treating a patient at hospitals. It is also used for protecting the suction pressure modulator that prevents the overflow of foreign materials as well as for ensuring dispersion modulation of the suction pressure supplying facilities.

■ Model : ONV-S-W01-TB

# MEDICAL GAS SYSTEM



## GAS OUTLET PARTS

### ► Wall Outlet



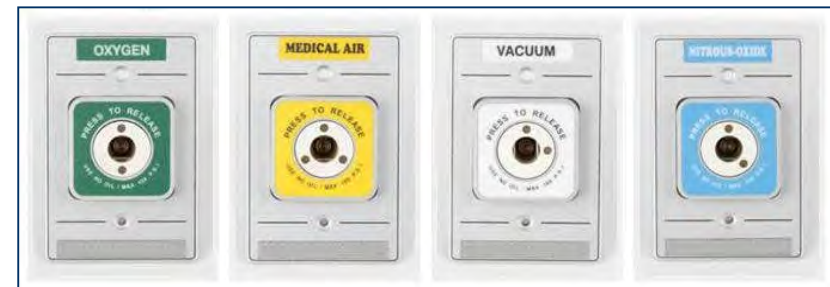
### ► Medstar/Oxequip Type Latch Valve



### ► Ohmeda Type Latch Valve



### ► Pin Index Type Latch Valve



### ► Diss Type Latch Valve



# MEDICAL GAS SYSTEM



## COUPLER PARTS

Puritan Bennet Type



Ohmeda Type Ceiling Coupler



Schrader Type



Medstar / Oxequip Type





# MEDICAL GAS SYSTEM



## ADAPTER PARTS

➤ Medster/Oxequip Adapter



➤ PB Adapter



➤ Ohmeda Adapter



➤ Pin Index Adapter (Screw Type)



➤ Diss Adapter



➤ Pin Index Adapter (Hose Type)

