

License Number(KFDA)

- 18-4798 (Electronic medical aspirator)
- 18-1648 (Suction tube catheter)
- 18-1661 (Suction tube catheter)
- 18-1719 (Suction tube catheter)
- 18-1696 (Suction tube catheter)
- 18-1656 (Suction tube catheter)
- 21-25 (Suction tube catheter)

Patent Number

U.S. Patent
9,480,781
10,350,335
10,806,883

China Patent
ZL 201680002107.7
ZL 201680002106.2
ZL 201580011187.8

Registration of 50 invention patents worldwide, including Korea, the United States, Europe, Germany, Australia, Canada, Japan, India, China, etc.



Professional Respiratory Sputum Automatic Suction Device



A-1000
Unmanned automatic system
Catheter cleaning system

The A-1000 is the world's first electronic medical aspirator developed by Lmeca Co., Ltd. and is a device that automatically aspirates foreign substances such as sputum 24hours a day using an automatic closed-catheter (KFDA registered product)



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MEMO



BENEFITS

Electronic Medical Automatic Aspirator

24hours unmanned automatic suction

Effective nursing

Constant suction quality maintenance

Exposure reduction to infectious diseases

Reduction of secondary infections

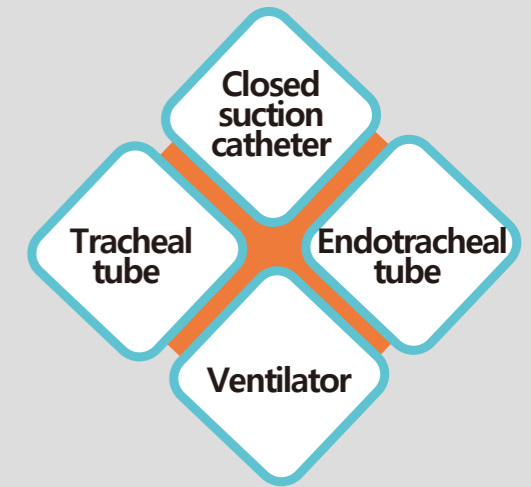
Improvement of patient care

Improvement
Of
Healthcare
Quality

It is a closed suction machine that automatically aspirates sputum for 24 hours by installing it to serious patients who cannot cough up sputum themselves from hospitals and homes.

DEVICE INTRODUCTION

- Closed-suction catheter
- Application to ventilator patient
- Application to non-ventilator patient
- E-TUBE, T-TUBE connection
- Auto airway connection



OPERATIONAL PROCEDURES MENU

User info input

- Set patient ID and name of disease
- Automatically record the date when suction catheter is replaced

Length setting

- Set tube(E-TUBE,T-TUBE) and suction catheter length

Suction time

- Set tube type : Automatic determination(150mm→T/151~360→E)
- Set operation time

Suction cycle

- Set patient's suction cycle
- "0"set →Manual suction use only

Cuff setting

- Set cuff operation time
- Cuff max pressure: 99CmH2O

Pressure setting

- Set according to patient condition
- Suction pressure: strongest/ strong/ medium/ weak

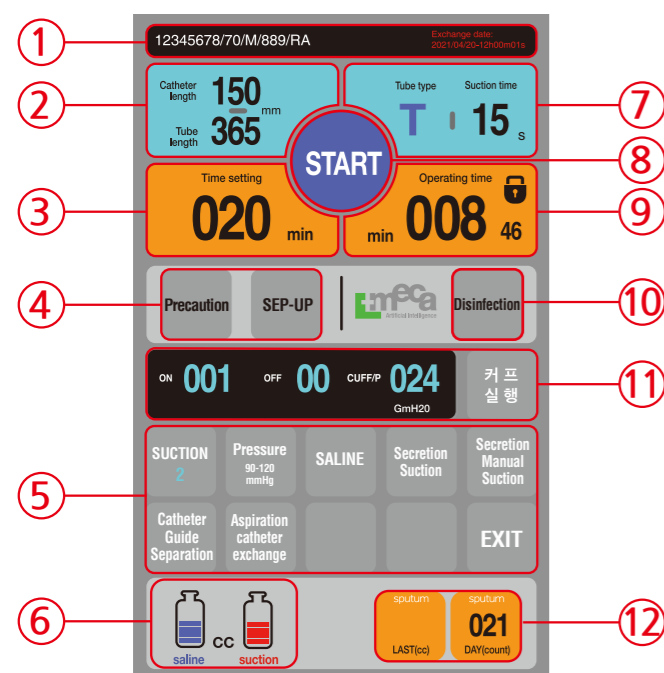
Repetition setting

- Suction repeat 2times : default value
- Automatic cleaning with saline after working

Saline setting

- Applying to thick sputum patient
- 2cc saline automatic injection before suction

LCD



NO.	FUNCTION
1	Patient information
2	Catheter and tube length
3	Suction cycle time
4	Setting and Precaution
5	Control buttons
6	Saline & drainage container info
7	Tube type and suction time
8	Operation start
9	Operation time
10	Disinfection
11	Cuff setting and operation
12	Suction count and information

SPECIFICATION



Item name : Electronic medical aspirator

Model : A-1000

Class number : A39010.02

Level : 2

Purpose : Medical device that aspirates blood, body fluids, sputum, etc. using external vacuum pressure

License number : 18-4798

Power consumption: 180VA

Suction pressure : 0~660mmHg
PWM control

Catheter injection depth : 0~150mm