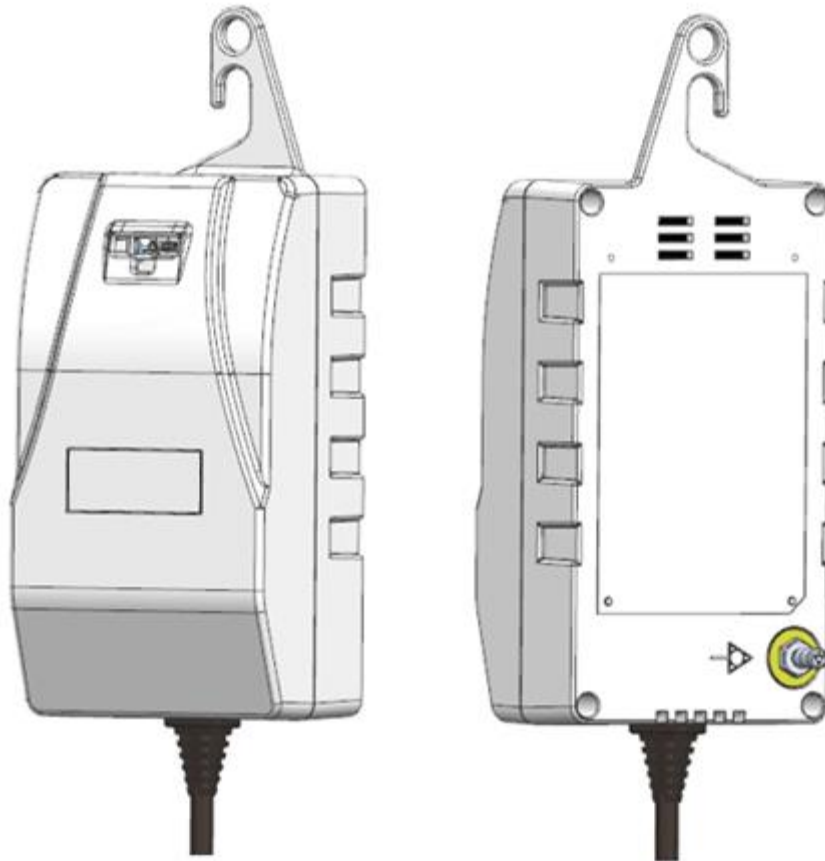


CLEANEST™ AC

**AC Power Supply for Disposable Electronically
Pulsed Lavage Suction Apparatus
(AC Power Adapter)**

Operator and Service Manual



Guangzhou Clean Medical Products Manufacturing Corp.

en: English

Operator and Service Manual

1. Device

Name: AC Power Supply for Disposable Electronically Pulsed Lavage Suction Apparatus (AC Power Adapter)

Model No.: W-205

REF W-205-01B

2. Specifications

Mains Line Voltage Range:	100-240V~(AC), 50/60Hz, 120 VA, Auto switching
Line Current:	0.50A RMS @ 120~(AC) (Max.)
Output Power:	48 W
Output Voltage:	DC 7.5 – 12 V.
Size:	Height x Wide x Depth: About 21cm x 9cm x 6cm.
Net weight:	About 0.8 kg.

3. IEC 60601-1 Classification

Type of protection against electric shock:	Class I
Classification according to the degree of protection against ingress of water:	IPX 0
Mode of operation:	Continuous operation



CAUTION: THIS DEVICE IS NOT SUITABLE FOR USE IN THE PRESENCE OF FLAMMABLE ANESTHETIC OR GASES.

4. Emissions and Immunity

The **AC Power Supply** complies with EMC criteria set forth in IEC 60601-1-2 and EN 60601-1-2.

5. Notice



**CAUTION: HIGH VOLTAGE ELECTRICAL HAZARD.
HIGH VOLTAGE WILL BE PRESENT ON THE POWER CONTROL BOARD.**

THERE ARE NO SERVICEABLE PARTS WITHIN THE POWER SUPPLY ENCLOSURE.

Should service be required please contact your local Clean Medical representative for service help and/or warranty information.

6. Intended Use

The **AC Power Supply** is intended to be used for supplying power to the AC powered Disposable Electronically Pulsed Lavage Suction Apparatus (Model No.: W-205).

7. Warning

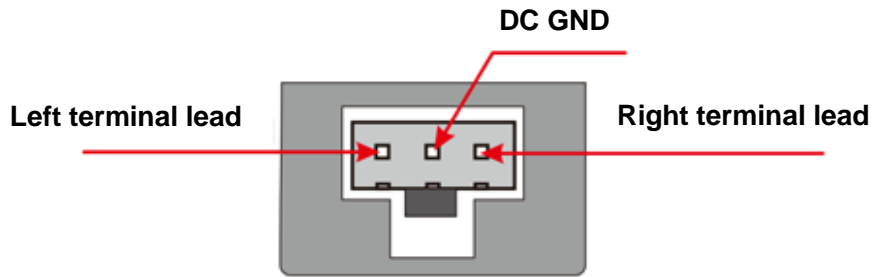
- 1) The AC Power Supply should be operated only by qualified professionals.
- 2) Please refer to the user manual of AC powered Disposable Electronically Pulsed Lavage Suction Apparatus (Model No.: W-205).

8. Initial Inspection

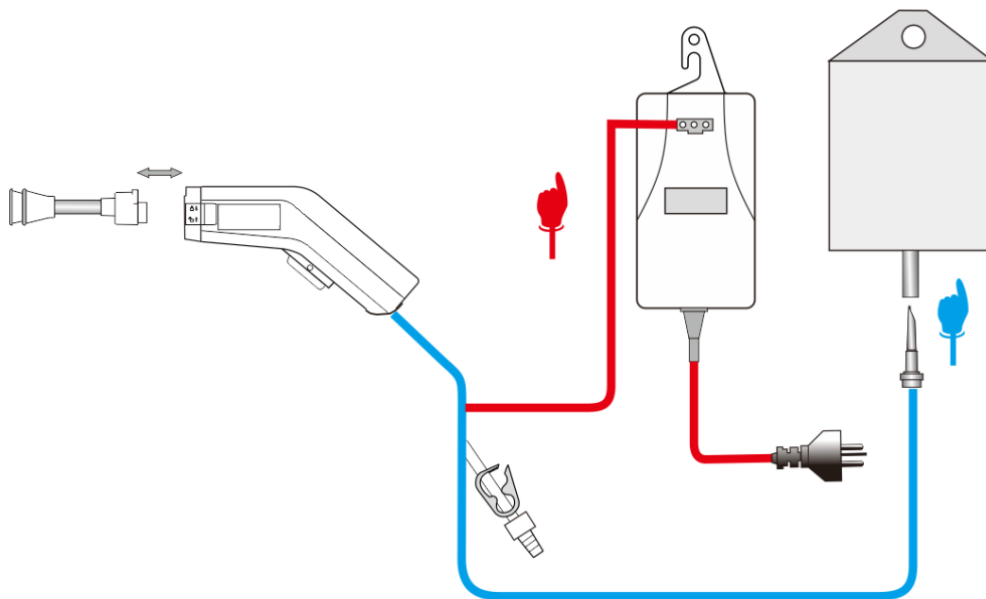
Upon receipt, unpack the **AC Power Supply** and inspect the unit for any obvious damage that may have occurred during shipment. We recommend that this inspection be performed by a qualified biomedical engineer or other person thoroughly familiar with electronic medical devices. If the unit is damaged, notify the carrier and your representative immediately.

9. Functional Check

If the initial inspection results are satisfactory, connect the power plug of the unit to a properly polarized and grounded power source with voltage and frequency characteristics compatible with the specifications listed in Clause-2. Using a digital volt meter set for DC measurement, place the volt meter ground probe on the middle terminal of the power supply connector. Place the other volt meter probe on the left terminal lead and observe the voltage is approximately $12V \pm 1V$ DC. Next move the volt meter probe to the right terminal lead and observe the voltage is also approximately $12V \pm 1V$ DC. If both results are within the limits described the unit can be placed into operational service.



10. Operation



WARNING: To avoid the risk of electric shock, the unit must only be connected to a supply main with protective earth.

- 1) Hang the unit on an IV pole using the unit's built in hanger.

Note:

THE UNIT MUST ALWAYS BE HUNG ON AN IV POLE AND SHOULD NEVER BE ALLOWED TO REST ON A TABLE OR FLOOR. THE TABLE AND/OR FLOOR MAY BECOME WET WHICH COULD DAMAGE THE UNIT.

- 2) Connect the power plug of the unit to a properly polarized and grounded power source with voltage and frequency characteristics compatible with the specifications listed in Clause-2.
- 3) The unit is now ready for use.
- 4) Please refer to the user manual of AC powered Disposable Electronically Pulsed Lavage Suction Apparatus (Model No.: W-205).

11. Cleaning and Disinfection

Always clean and disinfect the exterior of the unit after every case, per hospital protocol. The unit must be cleaned (wiped) with a cloth that has been dampened (not dripping) with a mild disinfectant detergent.

12. Storage Environment

The following are environmental conditions for storage:

- Ambient temperature range: -4°F to 104°F (-20°C to 40°C).
- Relative humidity range: 10%RH to 90%RH (Non-Condensing).

13. Labels

CLEANEST™ AC
Power supply for Disposable Electronically Pulsed Lavage Suction Apparatus

REF W-205-01B

0123

GUANGZHOU CLEAN MEDICAL PRODUCTS MANUFACTURING CORP.
No.163 Meidu Road, Chengjiao, Conghua District, Guangzhou, Guangdong, China +86-20-87654060, 87817888

POWER INPUT: 120VA OUTPUT: DC 7.5-12V
100-240V ~, 50/60Hz POWER: 48W

DANGER:
EXPLOSION HAZARD, DO NOT USE IN THE PRESENCE OF FLAMMABLE ANESTHETICS OR GASES.

⚡ **CAUTION:**
RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

MEDICAL EQUIPMENT
WITH RESPECT TO ELECTRIC SHOCK, FIRE, AND MECHANICAL HAZARDS ONLY, IN ACCORDANCE WITH IEC 60601-1.

CLEANEST™ AC

Power Supply for Disposable Electronically Pulsed Lavage Suction Apparatus

REF W-205-01B

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MEDICAL EQUIPMENT
WITH RESPECT TO ELECTRIC SHOCK, FIRE, AND MECHANICAL HAZARDS ONLY, IN ACCORDANCE WITH IEC 60601-1.

LOT Lyyyyymmdd-x

SN yyymmdd-x.xxx

Barcode: **LOT** Lot number.

Date of manufacture

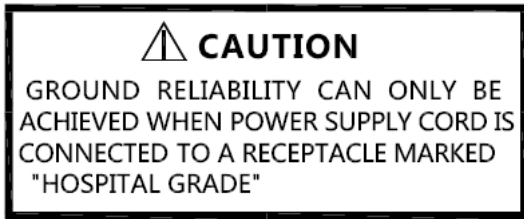
SN Serial number

⚠ CAUTION
USE WITH **CLEANEST™ AC**
STYLE HAND SETS ONLY

CAUTION
USE WITH CLEANEST AC STYLE HAND SETS ONLY.

⚠ CAUTION
DO NOT STERILIZE
WIPE WITH DISINFECTANT ONLY

CAUTION
DO NOT STERILIZE
WIPE WITH DISINFECTANT ONLY.



CAUTION
GROUND RELIABILITY CAN ONLY BE
ACHIEVED WHEN POWER SUPPLY
CORD IS CONNECTED TO A
RECEPTACLE MARKED "HOSPITAL
GRADE"

14. Limited One Year Warranty

14.1 Scope of Warranty

Clean Medical warrants the product (CLEANEST AC Power Supply) for one year from date of purchase. During the warranty period, **Clean Medical** will repair or replace, at its option, any product which is defective in materials or workmanship or which fails to meet the published specification for that model. This Limited Warranty is made only to the original purchaser of the product and non-transferable. The remedies described in this Limited Warranty are the exclusive remedies for breach of warranty.

THIS WARRANTY SHALL NOT APPLY TO ANY PRODUCT WHICH HAS BEEN ALTERED OR MODIFIED IN ANY WAY, OR WHICH HAS BEEN SUBJECTED TO MISUSE OR ABUSE.

14.2 Disclaimer of Implied Warranties

The forgoing of Express Limited Warranty is given in lieu of any and all other express or implied warranties.

Clean Medical MAKES NO OTHER WARRANTIES INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

14.3 Limitation of Remedies

In no case shall **Clean Medical** be liable for any special, incidental, or consequential damages whether based on breach of warranty or other legal theory whether or not such damages are foreseeable.

15. Warranty Claims

In the event of a warranty claim within the warranty period, please take the following steps:










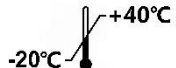





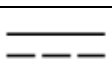





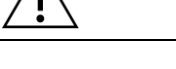





- 1) Notify Technical Service Department, at +86-20-87654060 or 87817888 or contact your local representative. Please provide details about the nature of the problem and include the product serial number (Lot number). Upon receipt of this information, **Clean Medical** will provide a date for service or a return shipping authorization.

2) Upon receipt of the shipping authorization, forward the equipment freight prepaid, to the location specified in the shipping authorization.

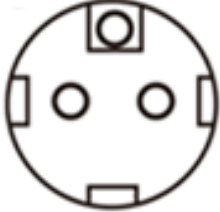


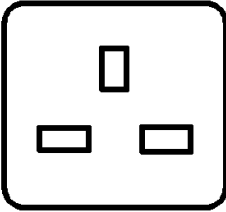
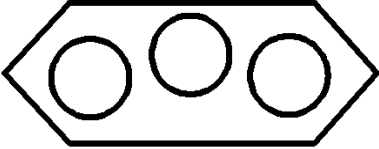
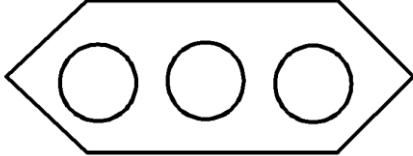
Your compliance with these steps will help assure that you receive prompt warranty service for your product.

Please contact your local **Clean Medical** Representative for any questions related to warranty.

16. Symbol Descriptions

	Manufacturer		Fragile, handle with care
	Date of manufacture		Keep dry
	Catalogue number		This way up
	Batch code (Lot number)		Keep away from sunlight
	Serial number		Temperature limit
	Use-by date		Electric hazard
	Medical device		Potential Equalization
	Consult instructions for use		Direct current
	Non-sterile		Alternating current
	CE marking of conformity		Caution
	Declaration that a product meets the EMC regulations per marking requirements.		Authorized Representative in the European Community/ European Union.
	Model number		Importer
	Unique device identifier		Distributor
	<p>Disposal of waste electrical and electronic equipment. This product contains electrical or electronic materials. The presence of these materials may, if not disposed properly, have potential adverse effects on the environment. Presence of this label on the product means it must not be disposed of in normal household waste and must be disposed of separately. Please follow local/ national current regulations to properly recycle or dispose the failed and expired AC power supply.</p>		

17. Cable Plug

Central Europe, Korea	Australia, China
	
Denmark	Britain, Singapore
	
Switzerland	Italy
	

18. Manufacturer

Name: **Guangzhou Clean Medical Products Manufacturing Corp.**

Address: No.163 Meidu Road, Chengjiao, Conghua District, Guangzhou, Guangdong, China.

P.C.: 510900

Tel: +86-20-87654060, 87817888

E-mail: info@cleanmfg.com

Web: www.cleanmfg.com

19. EU Authorized Representative

Name: SUNGO Europe B.V.

Address: Fascinatio Boulevard 522, Unit 1.7, 2909VA Capelle aan den IJssel, The Netherlands.

Tel: +31(0)10 3034500

E-mail: ec.rep@sungogroup.com

Importer and Distributor:	
	
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E: serviceuk@fannin.eu www.fannin.eu	