

English

Operator & Service Manual

Name: Power Supply for Disposable Electronically Pulsed Lavage Suction Apparatus

Model No.: W-205

REF W-205-01B Series

SECTION -1

SPECIFICATIONS

Mains Line Voltage Range:	100-240V~(AC), 50/60Hz, Auto switching
Line Current:	0.50A RMS @ 120~(AC) (Max.)
Output Power:	48 W
Size:	Height: 21cm, Width: 9cm, Depth: 6cm, Weight: 0.8kg

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

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

EMISSIONS / IMMUNITY:

The AC POWER SUPPLY complies with EMC criteria set forth in IEC 60601-1-2.

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.

INTENDED USE:

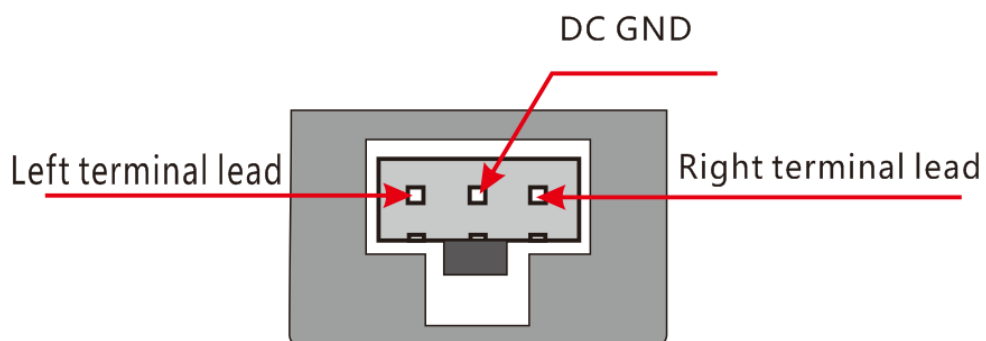
The AC POWER SUPPLY is intended to be used by qualified medical professionals and is only to be used for supplying power to the AC Disposable Electronically Pulsed Lavage Suction Apparatus. Please refer to the AC Disposable Electronically Pulsed Lavage Suction Apparatus product insert.

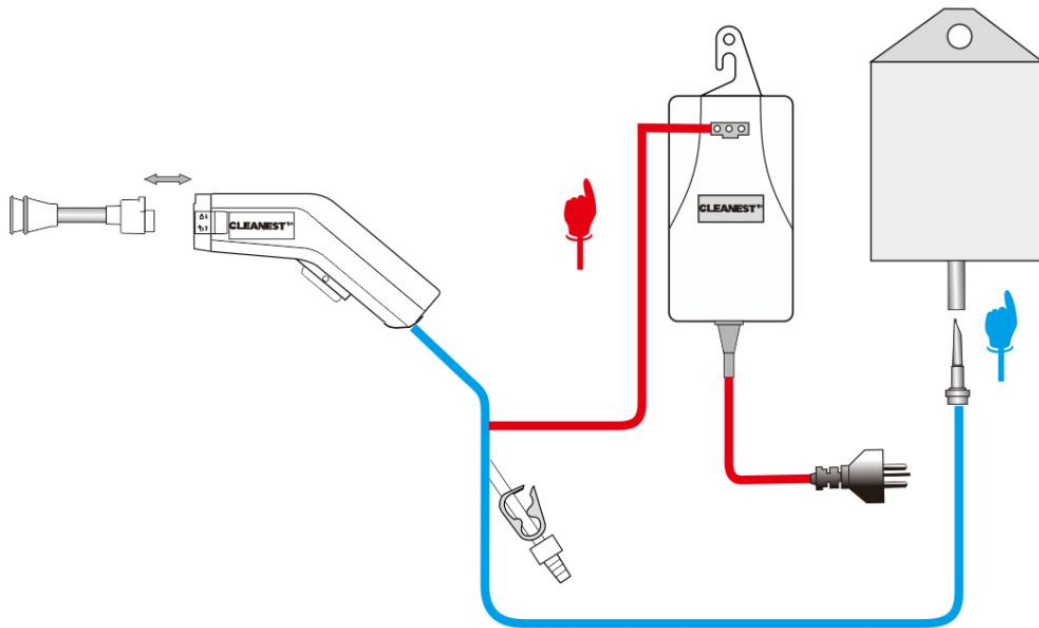
INITIAL INSPECTION

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.

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 Section-1. 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.





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 property polarized and grounded power source with voltage and frequency characteristics compatible with the specifications listed in Section -1
3. The unit is now ready for use.

CLEANING

Always clean/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.


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% to 90% (non Condensing).


LABELS

CLEANEST™ AC
 Power supply for Disposable Electronically Pulsed Lavage Suction Apparatus
REF W-205-01B



GUANGZHOU CLEAN MEDICAL PRODUCTS MANUFACTURING CORP.
 NO. 9 GUANGCONG ROAD, CONGHUA DEVELOPMENT DISTRICT, GUANGDONG, CHINA +86-20-87654060
 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. AF-205-02E, Rev.B

CLEANEST™ AC

Power Supply for Disposable Electronically Pulsed Lavage Suction Apparatus



REF W-205-01B

GUANGZHOU CLEAN MEDICAL PRODUCTS MANUFACTURING CORP.
 NO. 9 GUANGCONG ROAD, CONGHUA DEVELOPMENT DISTRICT, GUANGDONG, CHINA
 +86-20-87654060

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

 yyyy-mm 
LOT Lyyyyymmdd-x **SN** yymmdd-x.xxx

Barcode: **LOT** Lot number.

Date of manufacture 


SN Serial Number

 **CAUTION**
 USE WITH **CLEANEST™ AC**
 STYLE HAND SETS ONLY
 AF-205-05E, Rev.A

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

 **CAUTION**
 DO NOT STERILIZE
 WIPE WITH DISINFECTANT ONLY
 AF-205-04E, Rev.A

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"

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

LIMITED ONE YEAR WARRANTY

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.

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.**

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.

WARRANTY CLAIMS

















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

1. Notify Technical Service Department, at +86-20-87817888 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.

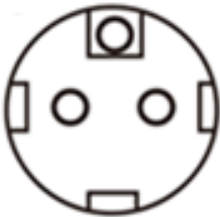


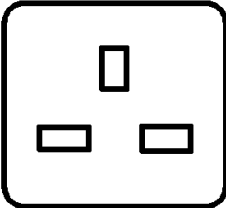
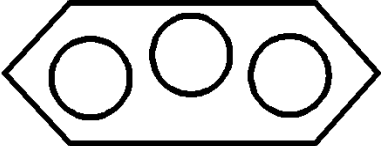
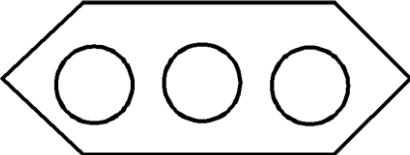
SYMBOLOLOGY

	CAUTION. Please refer to the attached document		Follow instructions for use
	CE Mark		Declaration that a product meets the EMC regulations per marking requirements
	Batch code (Lot number)		Manufacturer
	Date of manufacture		Electric hazard
	Serial number		Potential Equalization
	Fragile, handle with care		This way up
	Keep away from rain (Keep dry.)		Direct current
	Authorized Representative in the European Community		Alternating current



This product contains electrical or electronic materials. The presence of these materials may, if not disposed properly, have potential adverse affects 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. To find out how to properly dispose of this product, please contact your local CLEAN Medical Representative.

CABLE PLUG

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

Manufacturer

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

Address: No.9 Guangcong Road, Conghua Development District, Guangzhou, China.

P.C.: 510990

E-mail: info@cleanmfg.com

Tel: +86-20-87654060 +86-20-87817888

Fax: +86-20-87303882

Web: <http://www.cleanmfg.com>

EC Representative

Name: Wellkang Ltd (www.CE-marking.eu)

Address: Suite B, 29 Harley Street, LONDON, W1G 9QR, U.K.