

### Characteristics



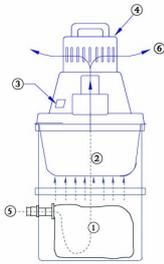
- ULPA Filter - With an efficiency of 99.999% on 0.12 micron. Filtration efficiency of 99.9995% on 0.18 micron. Tested: IEST-RP-CC001. U15 by MPPS method as per EN 1822. All of our ULPA Vacuum Cleaners are Aerosol Leak Tested before leaving our facility - Included
- HEPA Filter - Included with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001 H14 by MPPS method as per EN 1822 and OSHA compliant. All of our HEPA Vacuum Cleaners are Aerosol Leak Tested before leaving our facility.
- \*Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the pharmaceutical industry
- Static Free and ESD Safe.
- EMI/RFI Shielded
- TELECOM package available.
- 5-stage filtration system includes an ULPA Filter (U15), HEPA Filter (H14), PTFE Laminated Main Cloth Filter, Safety Filter and Disposable Filter Bag
- Designed for use in Contamination Controlled Environments
- Powerful dual speed Thruflow motor.
- For dry recovery only
- Autoclavable/Stainless Steel Type 316 Filter Chamber and Recovery Tank
- Available: Safe Containment Canister for the safe collection, containment and disposal of potent compounds.
- Mounted on a 4-wheel dolly for easy maneuverability.
- 3 optional Tool Kits available: Standard, ESD Safe and Autoclavable.

## Specifications

EMI-1000 (SS)	110133B	110133C	110133D	110133E
<b>Model Name</b>	EMI-1000 (SS)	EMI-1000 (SS)	EMI-1000 (SS)	EMI-1000 (SS)
<b>Type (Powerhead)</b>	Electric	Electric	Electric	Electric
<b>Voltage</b>	240 V	240 V	240 V	240 V
<b>Hertz</b>	50 Hz	50 Hz	50 Hz	50 Hz
<b>Phase</b>	Single	Single	Single	Single
<b>Wattage</b>	1000 W	1000 W	1000 W	1000 W
<b>Power</b>	1 kW	1 kW	1 kW	1 kW
<b>Amperage</b>	4.6 amps.	4.6 amps.	4.6 amps.	4.6 amps.
<b>Air Flow</b>	204 m <sup>3</sup> /h			
<b>Vacuum Pressure</b>	2410 mm H <sub>2</sub> O			
<b>Sound Level</b>	70 dB(A)	70 dB(A)	70 dB(A)	70 dB(A)
<b>Plug Type</b>	European	UK	Swiss	Chinese
<b>Suction Inlet</b>	38 mm	38 mm	38 mm	38 mm
<b>Cart Type</b>	4 Wheel Dolly (4W)			
<b>Filter Cleaning</b>	None	None	None	None
<b>Dry Recovery - Tank</b>	15.1 L	15.1 L	15.1 L	15.1 L
<b>Dry Recovery - Disposable Filter Bag</b>	7.6 L	7.6 L	7.6 L	7.6 L
<b>Length</b>	41 cm	41 cm	41 cm	41 cm
<b>Width</b>	41 cm	41 cm	41 cm	41 cm
<b>Weight (Vacuum Only)</b>	16 kg.	16 kg.	16 kg.	16 kg.
<b>Height</b>	86 cm	86 cm	86 cm	86 cm
<b>Cord Length</b>	10.6 m	10.6 m	10.6 m	10.6 m

Please note that specifications are subject to change without notice

## Use only recommended tools & accessories



EMI-1000 Air Flow Schematic for Stainless Steel Model



ULPA Filter - Included



HEPA Filter with Safety Filter - Included



Main Cloth Filter - Included



Ø1.25" (Ø32mm) Standard Tools and Accessories (Kit #1) - Optional



Ø1.25" (Ø32mm) ESD safe tools and accessories (Kit #2) - Optional



Ø1.25" (Ø32mm) Autoclavable tools and accessories (Kit #3) - Optional



Stainless steel holding bracket - Optional

### European Headquarters

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Pharma Applications



Cleanroom Compatible



Dry Recovery



Static Dissipating



ULPA - Included



HEPA - Included



Low Noise



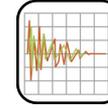
SS 316



High Efficiency



Less than 10 ohms



EMI Shielded

## Specifications for EMI-1000 (SS)

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type	Dry Recovery - Tank	Dry Recovery - Disposable Filter Bag
<b>EMI-1000 (SS)</b>	<b>110133B</b>	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m <sup>3</sup> /h	2410 mm H <sub>2</sub> O	European	15.1 L	7.6 L
	Dimensions: H86 cm x W41 cm x L41 cm    Weight: 16 kg.    Sound Level: 70 dB(A)											
Description: With stainless steel tank												

<b>EMI-1000 (SS)</b>	<b>110133C</b>	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m <sup>3</sup> /h	2410 mm H <sub>2</sub> O	UK	15.1 L	7.6 L
	Dimensions: H86 cm x W41 cm x L41 cm    Weight: 16 kg.    Sound Level: 70 dB(A)											
Description: With stainless steel tank												

<b>EMI-1000 (SS)</b>	<b>110133D</b>	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m <sup>3</sup> /h	2410 mm H <sub>2</sub> O	Swiss	15.1 L	7.6 L
	Dimensions: H86 cm x W41 cm x L41 cm    Weight: 16 kg.    Sound Level: 70 dB(A)											
Description: With stainless steel tank												

<b>EMI-1000 (SS)</b>	<b>110133E</b>	240 V	50 Hz	Single	1000 W	1 kW	4.6 amps.	204 m <sup>3</sup> /h	2410 mm H <sub>2</sub> O	Chinese	15.1 L	7.6 L
	Dimensions: H86 cm x W41 cm x L41 cm    Weight: 16 kg.    Sound Level: 70 dB(A)											
Description: With stainless steel tank												

Please note that specifications are subject to change without notice

## Technical Sheet for EMI-1000 (SS)

HEPA/ULPA FILTERS AND ACCESSORIES - Included	
Part #	Description
211027	ULPA FILTER (U15)
212303	HEPA FILTER (H14)
212303F2	MICRO SAFETY FILTER (CLOTH) WITH ELASTIC, FOR USE WITH HEPA FILTER 212303

FILTERS AND ACCESSORIES - Included	
Part #	Description
212503T	PTFE LAMINATED MAIN FILTER ASSEMBLY WITH BLACK PLASTIC RING

DISPOSABLE FILTER BAGS - Optional	
Part #	Description
212500	SYNTHETIC RECOVERY BAG(PACKAGE OF 5)

**Ø1.25" (Ø32mm) TOOL KITS - Optional**

Part #	Description
323600	TOOL KIT #1(STANDARD TYPE) FOR MODEL CR-1000
323602	ESD SAFE TOOL KIT #2 FOR CR-1000
323604	AUTOCLAVABLE TOOL KIT #3 FOR MODEL CR-1000

**Ø1.25" (Ø32mm) STANDARD TOOLS AND ACCESSORIES - KIT #1 - Optional**

Part #	Description
323606	SUCTION HOSE ASSEMBLY (STANDARD TYPE) 1.25"(32mm)x8'(2.4m) FOR MODEL CR-1000
323504A	TELESCOPIC EXTENSION WAND FOR MODEL CR-1 (REPLACEMENT FOR MODEL T1), PLASTIC
323508	FLOOR TOOL 1.25"(32mm) x 14"(36cm), FOR AS-5 AND CR-1, BLACK PLASTIC
323510	CREVICE TOOL FOR AS-5 AND CR-1 1.25"(32mm)x8"(20.3cm)
323514	DUSTING BRUSH FOR AS-5 AND CR-1 1.25"(32mm)x3"(76mm)
323512	UPHOLSTERY TOOL FOR AS-5 AND CR-1 1.25"(32mm)x5"(13cm)

**Ø1.25" (Ø32mm) ESD SAFE TOOLS AND ACCESSORIES - KIT #2 - Optional**

Part #	Description
323316	MICRO TOOL KIT, Ø1.25"(32mm), ESD* SAFE PLASTIC
323608	SUCTION HOSE ASSEMBLY, ESD SAFE, 1.25"(32mm)x8'(2.4m) FOR MODEL CR-1000
323331	STAINLESS STEEL WANDS 1.25" 32cm (SET OF 2) - ONE CURVED AND ONE STRAIGHT
323318A	UTILITY FLOOR TOOL, Ø1.25"(Ø32mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/CONDUCTIVE NYLON BRISTLES
323313A	CREVICE TOOL, 1.25"(32mm) x 9"(23cm), BLACK, ESD SAFE PLASTIC
323312A	ROUND BRUSH, 1.25"(32mm) x 3"(7.5cm), ESD SAFE PLASTIC, WITH HOLE FOR BUTTON LOCK
323321A	ROUND TOOL, WITH RUBBER BLADES, Ø1.25"(32mm), ESD SAFE PLASTIC
323314A	UPHOLSTERY FLAT TOOL, 1.25"(32mm) x 5"(13cm), ESD SAFE PLASTIC

**Ø1.25" (Ø32mm) AUTOCLAVABLE TOOLS AND ACCESSORIES - KIT #3 - Optional**

Part #	Description
323462	EPDM SUCTION HOSE ASSEMBLY (AUTOCLAVABLE) 1.25"(32mm)x8'(2.4m) FOR MODEL CR-1000
323331	STAINLESS STEEL WANDS 1.25" 32cm (SET OF 2) - ONE CURVED AND ONE STRAIGHT
323412	FLOOR TOOL ASSEMBLY, AUTOCLAVABLE, 1.25"(32mm) x 12"(30cm), STAINLESS STEEL w/WHITE NITRILE BLADES
323413	CREVICE TOOL, AUTOCLAVABLE, Ø1.25"(32mm)x10"(25.4cm) -STAINLESS STEEL
323565	CONICAL NOZZLE w/CURVED TIP w/SS CONNECTOR INSTALLED 1.25"(32mm)x10"(25cm), CLEAR FOODGRADE SILICONE

**STAINLESS STEEL HOLDING BRACKET - Optional**

Part #	Description
219098A	CABLE & HOSE HOLDING BRACKET ASSEMBLY, STAINLESS STEEL FOR 32mm TUBES
219098B	CABLE & HOSE HOLDING BRACKET ASSEMBLY, STAINLESS STEEL, FOR 38mm TUBES



# Certificate of Compliance

**Certificate:** 1399957 (LR 60825)

**Master Contract:** 174769

**Project:** 2639254

**Date Issued:** July 23, 2013

**Issued to:** Tiger-Vac International Inc.

2020 Boul Dagenais O  
Laval, QC H7L 5W2  
Canada  
Attention: Stephane Briquet

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



*Jimmy Lu*

Issued by: Jimmy Lu

## **PRODUCTS**

**CLASS 1611 01** - CLEANING MACHINES

**CLASS 1611 81** - CLEANING MACHINES - Certified to US Standards

**Vacuum Cleaner** Models **EMI-CWR, EMI-1000, B4-DS and CR-4(D)** DRY pick-up, portable, commercial, grounded, rated 120V, 60Hz:

- **900W** or 7.5A, (with motor 116311-01); or

- **1060W** or 9.0A, (with motor 115923-00)

## **APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 243-10, 4th Ed. - Vacuum Cleaners, Blower Cleaners and Household Floor

ANSI/UL Standard. No. 1017, 8th Ed. - Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines



## *Supplement to Certificate of Compliance*

**Certificate:** 1399957

**Master Contract:** 174769

*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
2639254	Jul 23, 2013	Follow up FIR dated January 27, corrections to power rating and power switches, addition of Model EMI-1000 and update to CSA 243-10 (4th Ed) and UL 1017 (8th Ed).
2539507	Dec 8, 2012	FIR,Jan.27-11;AddedModelEMI-1000,addedRating1200W.DeletedPowerNozzle&ModelsEMI-1CX,EMI,B4-CWR;UpdatedToCSA-No-243-10
2165719	Jun 8, 2009	Added two model number EMI-CWR and CR-4(D) and cleaned up the report
1734752	Nov 25, 2005	Update to Add Alternate EMI Filter - Corcom 10VK1. No Tests.

### **History**

1399957 - March 5, 2003 - Transfer of model CWR-XX to 1399954 (LR 60825-1,-2) and update to latest edition of C22.2 no. 243-01.

LR 60825-17 - April 30, 1999 - Update to Report as per F.I.R. 99-02-18: Replacement of Motor (Lamb Model 116432-00 which is Canceled) by Model No.115923-00 which is Similar Type and Rating and Alternate Bridge Rectifier.

LR 60825-16 - July 5, 1995 - Update to new requirements of Std. C22.2 No. 243 and listing of CWR series.

LR 60825-14 - Sept. 5,1990 - Addition of vacuum cleaners, Models B4-CWR, B4-DS and change in designation of EMI-1 to EMI-1CX.

LR 60825-13 - March 2, 1990 - Original certification