

Characteristics



ULPA - Included



High Efficiency



Cleanroom Compatible



Pharma Applications



Static Dissipating



Less than 10 ohms



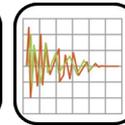
Dry Recovery



SS 304



SD Accessories - Included



EMI Shielded



- 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
- *Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the pharmaceutical industry
- Static Free and ESD Safe.
- EMI/RFI Shielded
- 4-stage filtration system includes an ULPA Filter (U15), Cloth Filter, Dome Filter and Disposable Filter Bag
- Special filter lined with stainless steel is available for the recovery of broken wafers and sharp objects.
- Designed for use in Contamination Controlled Environments
- Thru-Flow heavy duty motor.
- For dry recovery only
- All Stainless Steel SAE 304 construction
- Equipped with a Golf Cart for easy maneuverability
- Includes a complete tool kit.

Specifications

MV-1CR (GC) SERIES	110739B	110739C	110739D	110739E
Model Name	MV-1CR (GC) WITH EUROPEAN PLUG	MV-1CR (GC) WITH UK PLUG	MV-1CR (GC) WITH SWISS PLUG	MV-1CR (GC) WITH CHINESE PLUG
Type (Powerhead)	Electric	Electric	Electric	Electric
Voltage	240 V	240 V	240 V	240 V
Hertz	50 Hz	50 Hz	50 Hz	50 Hz
Phase	Single	Single	Single	Single
Wattage	1000 W	1000 W	1000 W	1000 W
Power	1 kW	1 kW	1 kW	1 kW
Amperage	4.2 amps.	4.2 amps.	4.2 amps.	4.2 amps.
Air Flow	187 m ³ /h	187 m ³ /h	187 m ³ /h	187 m ³ /h
Vacuum Pressure	1750 mm H ₂ O	1750 mm H ₂ O	1750 mm H ₂ O	1750 mm H ₂ O
Sound Level	70 dB(A)	70 dB(A)	70 dB(A)	70 dB(A)
Suction Inlet	38 mm	38 mm	38 mm	38 mm
Cart Type	Golf Cart (GC)	Golf Cart (GC)	Golf Cart (GC)	Golf Cart (GC)
Filter Cleaning	None	None	None	None
Dry Recovery - Disposable Filter Bag	5.7 L	5.7 L	5.7 L	5.7 L
Width	30 cm	30 cm	30 cm	30 cm
Weight (Vacuum Only)	6.8 kg.	6.8 kg.	6.8 kg.	6.8 kg.
Height	91 cm	91 cm	91 cm	91 cm
Cord Length	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



MV-1CR Tools and Accessories - Optional

European Headquarters

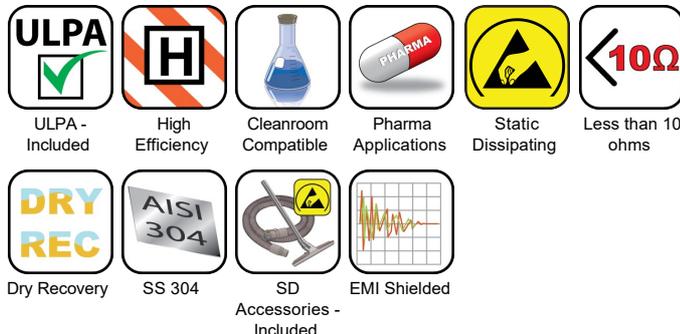
Tiger-Vac Europa S.R.L.
Via Marie Curie 17
Zona Industriale Ponte Rizzoli
Ozzano Emilia, BO 40064

Tel: ((39) 051 79.53.52)
Fax: ((39) 051 4695077)
Website: <http://www.tiger-vac.eu>
Email: info@tiger-vac.it

International Headquarters

Tiger-Vac International Inc.
2020 Dagenais Blvd. Ouest
Laval, Quebec
Canada H7L 5W2

Tel: (450-625-0099)
Fax: (450-625-3388)
Website: <http://www.tiger-vac.com>
Email: sales@tiger-vac.com



Specifications for MV-1CR (GC) SERIES

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Dry Recovery - Disposable Filter Bag
MV-1CR (GC) WITH EUROPEAN PLUG	110739B	240 V	50 Hz	Single	1000 W	1 kW	4.2 amps.	187 m ³ /h	1750 mm H ₂ O	5.7 L
	Dimensions: H91 cm x W30 cm Weight: 6.8 kg. Sound Level: 70 dB(A)									
MV-1CR (GC) WITH UK PLUG	110739C	240 V	50 Hz	Single	1000 W	1 kW	4.2 amps.	187 m ³ /h	1750 mm H ₂ O	5.7 L
	Dimensions: H91 cm x W30 cm Weight: 6.8 kg. Sound Level: 70 dB(A)									
MV-1CR (GC) WITH SWISS PLUG	110739D	240 V	50 Hz	Single	1000 W	1 kW	4.2 amps.	187 m ³ /h	1750 mm H ₂ O	5.7 L
	Dimensions: H91 cm x W30 cm Weight: 6.8 kg. Sound Level: 70 dB(A)									
MV-1CR (GC) WITH CHINESE PLUG	110739E	240 V	50 Hz	Single	1000 W	1 kW	4.2 amps.	187 m ³ /h	1750 mm H ₂ O	5.7 L
	Dimensions: H91 cm x W30 cm Weight: 6.8 kg. Sound Level: 70 dB(A)									

Please note that specifications are subject to change without notice

Technical Sheet for MV-1CR (GC) SERIES

ULPA FILTER - Included	
Part #	Description
212073	ULPA FILTER ASSEMBLY FOR MV-1CR 99.9995% ON 0.12 MICRONS, w/GROUND CLIP INSTALLED

UPSTREAM HEPA FILTER - Optional	
Part #	Description
212077	UPSTREAM HEPA FILRER ASMBLY w/GASKET 99.99% EFF. ON 0.3 MICRON (USED IN THE PLACE OF THE DOME FILTER)

FILTERS AND ACCESSORIES - Included	
Part #	Description
212232	CLOTH FILTER ASSEMBLY WITH RING
211623	MOTOR DOME FILTER FOR MV-1

DISPOSABLE FILTER BAGS - Included	
Part #	Description
212230	PAPER FILTER BAG (PACKAGE OF 5)

SPECIAL FILTERS - Optional

Part #	Description
213254	SPECIAL FILTER ASSEMBLY WITH RING, CLOTH + STAINLESS STEEL FOR BROKEN WAFERSgv

TOOLS AND ACCESSORIES - Included

Part #	Description
212070	SUCTION HOSE ASSEMBLY SD* 5'(1.5m)
323316	MICRO TOOL KIT, Ø1.25"(32mm), ESD* SAFE PLASTIC
323312A	ROUND BRUSH, 1.25"(32mm) x 3"(7.5cm), ESD SAFE PLASTIC, WITH HOLE FOR BUTTON LOCK
323321	ROUND TOOL, WITH RUBBER BLADES, Ø1.25"(32mm)
323314A	UPHOLSTERY FLAT TOOL, 1.25"(32mm) x 5"(13cm), ESD SAFE PLASTIC
323313A	CREVICE TOOL, 1.25"(32mm) x 9"(23cm), BLACK, ESD SAFE PLASTIC
211065	GROUND CONTINUITY TESTER

TOOLS AND ACCESSORIES - Optional

Part #	Description
212072	SUCTION HOSE ASSEMBLY SD* 10' (3m) FOR MV-1 CR
323331	STAINLESS STEEL WANDS 1.25" 32cm (SET OF 2) - ONE CURVED AND ONE STRAIGHT
323311A	COMBI TOOL 1.25"(32mm) x 11"(28cm), STATIC CONDUCTIVE PLASTIC WITH CONDUCTIVE NYLON BRISTLES
323317A	UTILITY FLOOR TOOL, 1.25"(Ø32mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/GREY SQUEEGEE BLADES

POWER CORDS - Optional

Part #	Description
212080	DETACHABLE POWER CORD 35'(10.5m) FOR CANADA & USA
212081	DETACHABLE POWER CORD 35'(10.5m) FOR EUROPE
212082	DETACHABLE POWER CORD 35'(10.5m) WITH UK PLUG
212083	DETACHABLE POWER CORD 35'(10.5m) WITH SWISS PLUG

Filtration System for MV-1 CR (BP), MV-1 CR (GC) and MV-1 CR (HH)

4 STAGE FILTRATION SYSTEM

1. PAPER FILTER BAG WITH MICRO-LINER (one micron efficiency): collects the bulk of the recovered materials and keeps the other filters free from clogging. Also allows for easy emptying. Part No. 212230 for MV-1(BP) & (GC) Part No. 212075 for MV-1(HH)
2. CLOTH FILTER (one micron efficiency): This washable main filter prolongs the life of the ULPA filter. Part No. 212232 for MV-1(BP) & (GC) Part No. 211623 for MV-1 CR (HH)
3. DOME FILTER: Protects the motor in the event that filters 1 and 2 are used incorrectly. Part No. 211623 for MV-1(BP) & (GC) Part No. 211623 for MV-1 CR (HH)
4. ULPA FILTER[†]: Minimum efficiency of 99.999% on particles as small as 0.12 micron. Purifies exhaust air and ensures cleanroom compatibility. Part No. 212073

- A. Suction intake with closing valve to prevent spillage
B. EMI/RFI electronic filter suppressor
C. Clean air exhaust

** A special filter lined with stainless steel is available for the recovery of broken wafers and sharp objects. Replaces filters 1 and 2. Part No. 213254 for MV-1(BP) & (GC) Part No. 212079 for MV-1 CR (HH)

