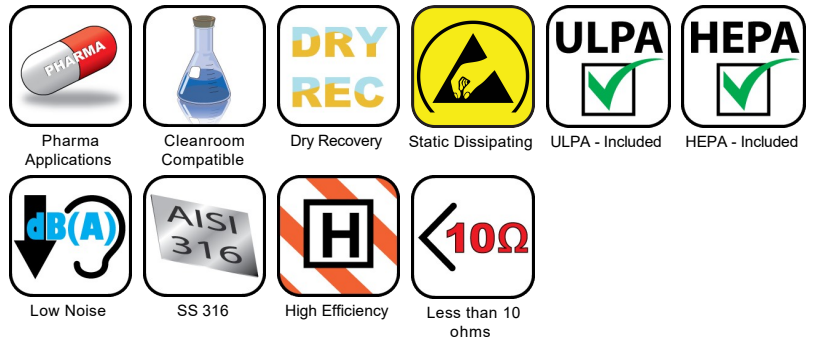


## Characteristics



- New Generation cleanroom vacuum cleaner for dry recovery
- Designed specifically for the pharmaceutical, semiconductor and microelectronics industry
- Compatible with ISO Class 4 cleanroom conditions as defined in ISO 14644-1 (Class 10 as per FED STD 209E)
- Complete Stainless Steel construction with electropolished finish to remove surface contamination. Recovery tank and wheels are autoclavable up to 121°C
- Powerful suction and quiet operation
- Compliant with GMP standards
- Each vacuum is aerosol leak tested before leaving our factory
- Multiple stages filtration system. Simple and reliable filter-change
- Equipped with an Upstream HEPA Filter and a Downstream ULPA Filter. HEPA Filter is H14 as per EN 1822. ULPA Filter is U15 as per EN 1822. The Upstream HEPA protects the motor and prevents ultra-fine particles from entering. The ULPA Filter is installed at the exhaust to ensure cleanroom compatibility
- 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 - Included
- HEPA Filter - With an efficiency of 99.995% on 0.3 micron. Tested: IEST-RP-CC001
- The primary filters consist of a disposable collection bag (for dry recovery) and a primary filter made of polyester. Filtration Class M as per IEC 60335-2-69
- The recovery tank is made of Type 316 Stainless Steel and is fully autoclavable (up to 121°C) including the white nylon wheels. Static conductive grey wheels (non-autoclavable) are available upon request
- A variety of accessories are available, including:

autoclavable hoses & tools and also ESD safe hoses and tools

## Specifications

| CR-1200D                                    | 110134B                  | 110134C                  | 110134E                  |
|---------------------------------------------|--------------------------|--------------------------|--------------------------|
| <b>Model Name</b>                           | CR-1200D                 | CR-1200D                 | CR-1200D                 |
| <b>Type (Powerhead)</b>                     | Electric                 | Electric                 | Electric                 |
| <b>Voltage</b>                              | 240 V                    | 240 V                    | 240 V                    |
| <b>Hertz</b>                                | 50 Hz                    | 50 Hz                    | 50 Hz                    |
| <b>Phase</b>                                | Single                   | Single                   | Single                   |
| <b>Wattage</b>                              | 1000 W                   | 1000 W                   | 1000 W                   |
| <b>Power</b>                                | 1 kW                     | 1 kW                     | 1 kW                     |
| <b>Amperage</b>                             | 4.6 amps.                | 4.6 amps.                | 4.6 amps.                |
| <b>Air Flow</b>                             | 204 m <sup>3</sup> /h    | 204 m <sup>3</sup> /h    | 204 m <sup>3</sup> /h    |
| <b>Vacuum Pressure</b>                      | 2410 mm H <sub>2</sub> O | 2410 mm H <sub>2</sub> O | 2410 mm H <sub>2</sub> O |
| <b>Sound Level</b>                          | 70 dB(A)                 | 70 dB(A)                 | 70 dB(A)                 |
| <b>Plug Type</b>                            | European                 | UK                       | Chinese                  |
| <b>Suction Inlet</b>                        | 38 mm                    | 38 mm                    | 38 mm                    |
| <b>Cart Type</b>                            | 4 Wheel Dolly (4W)       | 4 Wheel Dolly (4W)       | 4 Wheel Dolly (4W)       |
| <b>Dry Recovery - Tank</b>                  | 9.8 L                    | 9.8 L                    | 9.8 L                    |
| <b>Dry Recovery - Disposable Filter Bag</b> | 9.5 L                    | 9.5 L                    | 9.5 L                    |
| <b>Length</b>                               | 41 cm                    | 41 cm                    | 41 cm                    |
| <b>Width</b>                                | 38 cm                    | 38 cm                    | 38 cm                    |
| <b>Weight (Vacuum Only)</b>                 | 16 kg.                   | 16 kg.                   | 16 kg.                   |
| <b>Height</b>                               | 71 cm                    | 71 cm                    | 71 cm                    |
| <b>Cord Length</b>                          | 10.6 m                   | 10.6 m                   | 10.6 m                   |

Please note that specifications are subject to change without notice

## Use only recommended tools & accessories



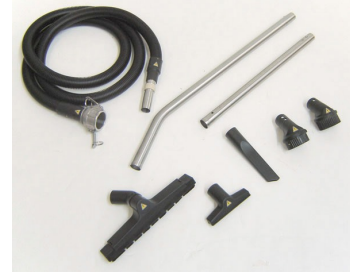
ULPA Filter - Included



Stainless steel cable holder - included



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



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



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



Needle Trap - Optional



Stainless steel holding bracket - Optional

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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

## Specifications for CR-1200D

| Name     | Part Number                                                                     | Voltage | Hertz | Phase  | Wattage | Power | Amperage  | Air Flow | Vacuum Pressure          | Plug Type | Dry Recovery - Tank | Dry Recovery - Disposable Filter Bag |
|----------|---------------------------------------------------------------------------------|---------|-------|--------|---------|-------|-----------|----------|--------------------------|-----------|---------------------|--------------------------------------|
| CR-1200D | 110134B                                                                         | 240 V   | 50 Hz | Single | 1000 W  | 1 kW  | 4.6 amps. | 204 m³/h | 2410 mm H <sub>2</sub> O | European  | 9.8 L               | 9.5 L                                |
|          | Dimensions: H71 cm x W38 cm x L41 cm    Weight: 16 kg.    Sound Level: 70 dB(A) |         |       |        |         |       |           |          |                          |           |                     |                                      |
| CR-1200D | 110134C                                                                         | 240 V   | 50 Hz | Single | 1000 W  | 1 kW  | 4.6 amps. | 204 m³/h | 2410 mm H <sub>2</sub> O | UK        | 9.8 L               | 9.5 L                                |
|          | Dimensions: H71 cm x W38 cm x L41 cm    Weight: 16 kg.    Sound Level: 70 dB(A) |         |       |        |         |       |           |          |                          |           |                     |                                      |
| CR-1200D | 110134E                                                                         | 240 V   | 50 Hz | Single | 1000 W  | 1 kW  | 4.6 amps. | 204 m³/h | 2410 mm H <sub>2</sub> O | Chinese   | 9.8 L               | 9.5 L                                |
|          | Dimensions: H71 cm x W38 cm x L41 cm    Weight: 16 kg.    Sound Level: 70 dB(A) |         |       |        |         |       |           |          |                          |           |                     |                                      |

Please note that specifications are subject to change without notice

## Technical Sheet for CR-1200D

| FILTERS - Included |                                                                       |
|--------------------|-----------------------------------------------------------------------|
| Part #             | Description                                                           |
| 211027             | ULPA FILTER (U15)                                                     |
| 212303             | HEPA FILTER (H14)                                                     |
| 219958             | MAIN FILTER ASSEMBLY FOR CR-1200D                                     |
| 219027             | SYNTHETIC RECOVERY BAG, WHITE COLOR, FOR MODEL CR-1200 (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                              | AUTOCCLAVABLE 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 |

A: Suction Intake  
B: Recovered material  
C: Clean Air Exhaust  
M: Motor

1: Synthetic Recovery Bag  
2: Main Filter  
3: HEPA Filter (Efficiency of 99.995% on 0.3 micron)  
4: ULPA Filter (Efficiency of 99.999% on 0.12 micron)

