

Portable vacuum cleaners for cleanroom - ISO Class 5

Electric

NES CR 230 - roller carriage

Range of applications

The NES model CR is designed to accommodate production of dry residues in cleanrooms of ISO Class 5.

Properties/Advantages

- 4-stage filtration system:
- 1st Level: microfiber bag, K1, 0,33 m, efficiency: 99.5%
- 2 Level: polyester needle felt, anti-static PTFE membrane, filtration rate: 99.9%
- 3 Step ahead of the engine: ULPA filter, filtration efficiency 99.999%
- 4 Step behind the engine: ULPA filter, filtration efficiency 99.999%
- Low noise level
- Built-in filtering module
- Convenient drop tanks, tanks with 4 wheels
- Role-Stainless steel cart with 4 wheels
- Extensive accessories available
- Collection containers, filters and accessories autoclavable chamber
- Highest technical security
- Available in 230V, 400V, pneumatic and explosion-protected version



Fuction principle

The NES model CR 230 has a convenient container cut. In the container may be a microfiber bag (filter stage 1) are used. Here are coarser particles collected directly and can be disposed of easily. In addition, the subsequent filter are preserved. The second filter stage consists of a polyester needle felt with PTFE membrane. The main filter (H14 / U15 99.999%) separates the fine particles. An additional H14 filter is located behind the engine on the exhaust side. This prevents dirt portions of the engine or the cooling air into the environment. The motor head can be separated easily and quickly by means of a Quick Connect system from the suction housing. The entire unit is easy to dismantle. Collecting tank, filter chamber and accessories are autoclavable.



Roller carriage with basket



Interior view with filter stage 2



Sucker dismantled



Dirt tank with filter stage 2



Tank setback



Input port

| Technical data NES CR 230 | |
|---------------------------|---------------------|
| Power | 1.000 Watt / 230V |
| Intake volume | 150 m³/h, max. |
| Vacuum | 220 mbar, max. |
| Container volume | ca. 30 l |
| Total filter area | 2,15 m² |
| Weight | 30 kg |
| Noise level | 67 dB (A) |
| Dimensions L x W x H | 600 x 510 x 1010 mm |

| Modell | Cont./L | Filter | Medium | Art.Nr. |
|------------------------------------|---------|--------|--------|---------|
| NES CR 230 | 30 | 2xULPA | Dust | 2012628 |
| Lieferumfang | | | | Art.Nr. |
| Filter level 1: Micro fiber bag K1 | | | | 2010993 |
| Filter level 2: Filter class L | | | | 2003497 |
| Filter level 3: ULPA-Filter | | | | 2003995 |
| Filter level 4: ULPA-Filter | | | | 2003995 |