

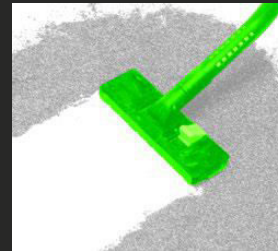


# 0,16 MICRON

## HIGH FILTRATION



- ULPA filtration with aerosol cartridge leak test.
- H Certification according IEC 60335-260 AA.



GS 1/33 HISO5 ULPA

Cleaning is consistently evolving, as we seek to meet higher hygiene standards ever more effectively.

IPC is closely connected to the latest and best practises of cleaning and is committed to deliver new solutions that boost cleaning efficiency, addressing those areas and tasks that are evolving fastest.

We have thus developed a complete range of new solutions, responding to the latest precautionary practises focused to protect communities all around the world.



# 0,16 Micron Filtration

The GS 1/33 H ISO5 **ULPA** is a high filtration vacuum cleaner certified for recovery of dangerous dust to ensure maximum levels of compliance. **Aerosol cartridge leak test** to guarantee maximum quality.



## 1 . H Classification, fundamental starting point:

This products meets highest requirements of H class vacuum cleaners, specification needed to allow collection of dust containing carcinogens or pathogens.



## 2 . 100% testing ULPA cartdrige in addition

Beyond the H class filter an ULPA filtering media is inserted, including individual leak testing.



## 3 . Maximum levels of compliance

This product is tested according to Pharmaceutical standard for filtration and to Medical standard for Electromagnetic Compatibility.



## 0,16 Micron Filtration - *H Classification, fundamental starting point*

The GS 1/33 H ISO5 ULPA is certified IEC 60335-2-69 AA as H-Class unit. This is a Certification **implying the machine as a whole assembly**, not only dedicated to the cartridge filter or its filtering media. System also **incudes special safety systems** to protect operator and environment.



**Visual warning light:** to monitor filters overpressure or vacuum system clogging issues.



**Filter protected:** specific tools required to remove filter.



**Other important safety points during transfer:** Safety cap and latches blocking to avoid leakages.





## 0,16 Micron Filtration - 100% ULPA cartridge testing

Beyond the H class filter an ULPA cartridge is inserted with efficiency >99,9995% @ 0,16 micron. **Each ULPA cartridge is 100% tested** with specific aerosol leak testing.



### ULPA Cartridge:

- High quality ULPA efficiency fiber glass material
- >99,9995% @ 0,16 micron tested by MPPS method of EN1822
- Double layer (inner and outer) metal wire mesh protection ensures 100% integrity of performances after handling



### Each ULPA cartridge tested 100%

- Aerosol leak tests individually made on each cartridge both for machines and after parts.
- Each ULPA cartridge filter is supplied with an original test report and serial number with reference to the batch and production date.
- Replacement ULPA cartridge filters are bagged and supplied in individual carton packages.



## 0,16 Micron Filtration - *Maximum levels of compliance*

This product is tested according to Pharmaceutical standard for filtration and to Medical standard for Electromagnetic Compatibility.



### **Protection towards sensitive equipments**

- In compliance with IEC 60601-1 Certification.
- Avoids electromagnetic interference.
- Essential to protect sensitive electronic equipments or medical devices.



### **For areas where dust concentration is strictly limited**

- In compliance with ISO 14644-1.
- Double HEPA cartridge increases safety also from dust created by motor.
- Extremely important for requirements in pharma, medical, automotive or food sectors.



## 0,16 Micron Filtration - Accessories

- 1) Accessories from 2 meters flex hose to all tubes and nozzels for dry vacuuming
- 2) Filters and cartridges that all together create 4 stage filtration for highest filter protection

1



2



**1 - Microfiber  
Bag class M**

**2 - PCB  
Prefilter**

**3 - ULPA Upstream  
cartridge**

**4 - HEPA H14  
downstream cartridge**



## 0,16 Micron Filtration - *Technical specs*



CODE	ASDO13903
MODEL	GS 1/33 ULPA
Type of collection	ONLY DRY
Full tank capacity/ Material	33 liters / Stainless Steel 304 AISI
Filtration stages	4
Dimension / Weight	380x380x650 - 12KG
Suction power	1 MOT - 1300W
Diameter of accessories	36MM





# IPC is not only ULPA - *Many other specialized filtering solutions*

## *Only dry solutions*



LP 1/12 with **HEPA H14** cartridge



## *Wet & Dry solutions*



To retrofit all existing W&D models **HEPA H13** cartridge



## *Industrial solutions*



PLANET 22S **ATEX**  
Total filtration with 3 cartridges and H certification



PLANET 200 TSH  
**H class certified** with filter overpressure indicators and safety disposal system



PLANET SERIES  
Available **HEPA** cartridge kit for all Planet models up to 20.000 cm<sup>2</sup> surface



# 0,16 Micron Filtration - *Main sectors and applications*



**BSC**



**HORECA**



**Communities**



**Healthcare**



**Retail**



**Education**



**Food Processing**





***THANK YOU***