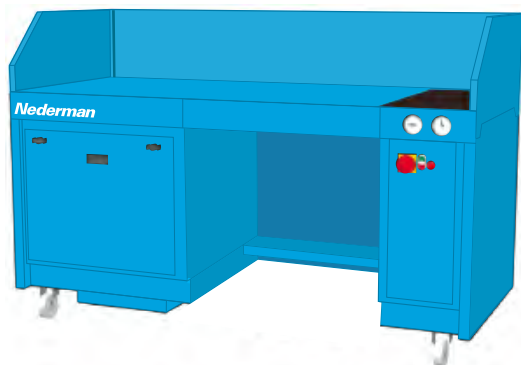


FilterBench

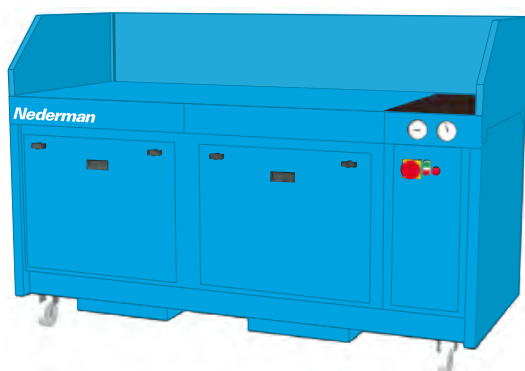
Self contained downdraught table



FilterBench23



FilterBench23S



FilterBench46



FilterBench69

The Nederman FilterBench is designed to control airborne particulate arising from applications such as sanding, deburring, finishing, fettling, ingredient weighing etc.

Description

- Easy to use and always with extraction at hand,
- Pre-filter (G4) and HEPA-filter (H13) included as standard, covering the wide range of applications,
- Optional: active carbon filter set (instead of HEPA-filter) in processes that require reduction of odours, removal of solvent fume or VOC (volatile organic compound), etc.,
- Pressure gauges, complete with “filter full” indicators clearly indicating when it is time to replace filters,
- Simple on/off push button control making the product easy to understand and operate,
- Fan inverter included as standard making it possible to optimize air flow and minimize energy consumption,
- Castors with swivel and brake included as a standard making the product easy and safe to move and position.

Specifications

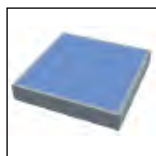
	FilterBench 23	FilterBench 23S	FilterBench 46	FilterBench 69
Filtration efficiency	99,9%	99,9%	99,9%	99,9%
Motor rating	500 W	500 W	2x500 W	3x500 W
Max airflow (free blowing)	2300 m³/h	2300 m³/h	4600 m³/h	6900 m³/h
Power supply	230 V	230 V	230 V	230 V
Weight	230 kg	280 kg	340 kg	470 kg
Noise level*	73,6 dB(A)	73,6 dB(A)	76,6 dB(A)	78,6 dB(A)
Finish (colour)	5009	5009	5009	5009
Part no. with HEPA filters	73003030	73003029	73003031	73003032
Part no. with carbon filters	73000119	73000538	73000120	73000121

*Measurement based on EN ISO 11201.

Filter Bench shall not be used:

- In an environment with danger of explosion or for dust in explosive concentrations.
- For hot or spark generating processes, e.g. welding fumes, metal grinding.

Functional description



Pre-filter

G4 pleated filter for efficient pre/primary filtration.



HEPA filter H13

To remove submicronic particulate with an efficiency of up to 99.9 %.



Carbon filters system (8 pcs.)

(instead of HEPA-filter) with Colourcell that changes colour with a change of carbon activity. Odour reduction, removal of solvent fume or VOCs, etc.



Fan

500 W high power backward curve centrifugal fan (230 V / 50/60 Hz / 1 ph).



Castors

Swivel and brake.



Filter Gauges

0–500 Pa gauge (pre-filter) and 0–1000 Pa (HEPA filter) complete with "filter full" indicators.



On/off push button

With "power on" light.



Warning light

Motor fault indicator.



Inverter

Variable frequency drive control to regulate the operating speed of the fan (located behind electrical panel).



Filter Clamp Mechanism

Spring loaded roller bearing filter clamp mechanism with tubular handles for securing filter(s).

Dimensions

[mm]

