

KÄRCHER

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Professional

INDUSTRIAL VACUUMS

PROFESSIONAL

IVR 100/22 Sc

IVC series industrial vacuum cleaners are reliable vacuums built for continuous and heavy-duty applications. Silent and continuous duty three phase side channel blower provides the necessary vacuum and airflow for various heavy-duty application.

Filter with large surface area provides longer running time without filter cleaning, the manual filter shaker allows the operator to clean the filter easily without dismantling the filter and the dust from the filter is collected in the collection container and can be disposed of easily.

Detachable drop-down collection container of 85 litres (Optional 100 litres) fitted with caster wheels is capable of collecting large volume of dust and debris. Inlet diameter of 80 mm gives the option of using various size hoses and accessories depending on the application.

The vacuum unit is mounted on strong heavy-duty chassis to withstand tough usage conditions and is fitted with four large wheels for easy manoeuvrability.

All the steel parts are powder coated and zinc plated for longer life and durability.

These vacuum cleaners are used in Automobile, manufacturing, engineering, steel, cement, foundry, ceramic etc.



Order No.:

9.870-302.0

- Silent and maintenance free side channel vacuum unit.
- Continuous Duty.
- Detachable container for easy removal of the collected material.
- Easy filter cleaning system.
- Vacuum gauge for vacuum level and filter clogging monitoring.

Technical data

Voltage (V)	415
Frequency (Hz)	50
Electrical Protection (IP)	55
Insulation Class (Class)	F
Rated Power (KW)	2.2
Air Flow (M ³ /h)	300
Vacuum Max (mm H2O)	3000
Noise Level dB(A)	76
Container Capacity (Litres)	85
Filter Type (Type)	Star
Filter Surface (cm ²)	20000
Filter Material	Polyester
Filter Class	L
Inlet (mm)	80
Dimension (L X W X H) (cm)	82 X 67 X 170
Weight (Kg)	98

Options:

- Vacuum relief valve.
- Stainless steel AISI 304 container.
- Polyester star filter (for dust applications - class M).
- For compact spaces



1 Perfect filtering and simple emptying

There are various filters available for filtering dust made of paper or PE, with and without PTFE coating. Practical disposal bags made of paper or PE make dust-free emptying possible.

2 Adapters, distributors and reducers

Flexibility and versatility are particularly important in industry. We offer you various adapters, distributors and reducers. With our Kärcher adapters you can, for example, easily connect our accessories to Professional NT vacuum cleaners. Distributors allow you to connect two suction hoses to one vacuum cleaner at the same time. And with our compatible reducers you can freely combine all nominal diameters.

3 Everything passes through here: hoses

Suction hoses are the key link between suction head and vacuum cleaner. In our range of hoses you will find the appropriate hose for every application.

4 Secure

With the appropriate handle for our coated bends and suction tubes you are able to work ergonomically and extend your working radius.

5 Variety at the top: nozzles and brushes

Choose the appropriate nozzle and brush from our variety of crevice, flat and floor nozzles and brushes in order to vacuum quickly and efficiently in every situation.

6 Perfectly separated: pre-separator

Our mobile pre-separators separate liquids, solids and dust directly during vacuuming. This means you can also pick up large quantities of dirt and liquids much easier and dispose of them in a time-saving manner.

7 Always ready to help: accessory kits

Kärcher provides accessory kits for the most common applications. With our practical accessory kits you always have all accessories immediately to hand for the typical applications.

ACCESSORIES

1 2



3 4



5 6



	Liquids/swarf	Order No.	Nominal Diameter	Description
1	Standard kit liquids/swarf DN40	9.989-657.0	DN 40	3 m ME-PU hose (9.989-621.0), handle (9.977-679.0), standard nozzle (9.989-674.0), reducer (9.989-690.0), surface nozzle (9.988-118.0)
2	Standard kit liquids/swarf DN50	9.989-658.0	DN 50	3 m ME-PU hose (9.989-623.0), handle (9.977-678.0), standard nozzle (9.989-673.0), reducer (9.977-772.0), surface nozzle (9.988-119.0)
	Liquids			
3	Standard kit liquid DN40	9.989-660.0	DN 40	PU hose 3 m (9.989-617.0), handle (9.977-679.0), standard nozzle (9.988-401.0), reducer (9.989-690.0), surface nozzle 120 mm (9.988-118.0)
4	Standard kit liquid DN50	9.989-661.0	DN 50	PU hose 3 m (9.989-619.0), handle (9.977-678.0), standard nozzle (9.988-402.0), reducer (9.977-772.0), surface nozzle 120 mm (9.988-119.0)
	Solids/dusts			
5	Standard kit solids/dusts DN40	9.989-659.0	DN 40	EVA hose (9.988-088.0), handle (9.977-679.0), standard nozzle (9.988-401.0), reducer (9.989-690.0)
6	Standard kit solids/dusts DN50	9.989-662.0	DN 50	EVA hose (9.988-090.0), handle (9.977-678.0), standard nozzle (9.988-402.0), reducer (9.977-772.0)

FOR TOUGH INDUSTRIAL APPLICATIONS



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THE VACUUMING SPECIALISTS FOR INDUSTRY

With its various sectors, industry places particular demands on cleaning solutions: process integration, large quantities, hazardous substances, narrow time slots and lots more. Both universal and special machines and systems are required here. We offer all vacuuming solutions for industry.

Please contact us for more information:

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