

## IVM 60/12-1 M ACD WS

The single-motor industrial vacuum cleaner IVM 60/12-1 M ACD WS is designed for the safe vacuuming of fine dusts requiring inertisation in industrial applications.



Order no. 9.991-081.0

- ACD - Applied for Combustible Dust
- Stainless steel container, Pull-and-Clean filter cleaning, 4 accessories holders

### Technical data

|                             |            |                   |
|-----------------------------|------------|-------------------|
| EAN code                    |            | 4066529214058     |
| Number of current phases    | Ph         | 1                 |
| Voltage                     | V          | 220 - 240         |
| Frequency                   | Hz         | 50 - 60           |
| Air flow                    | l/s        | 74                |
| Vacuum                      | mbar / kPa | 254 / 25.4        |
| Container capacity          | l          | 60                |
| Container material          |            | Stainless steel   |
| Rated input power           | kW         | 1.1               |
| Vacuuming type              |            | Electric          |
| Connection nominal diameter |            | DN 70             |
| Accessory nominal diameter  |            | DN 40             |
| Sound pressure level        | dB(A)      | 79                |
| Cable length                | m          | 10                |
| Main filter dust class      |            | M                 |
| Filter area for main filter | m²         | 1.5               |
| Colour                      |            | silver            |
| Weight without accessories  | kg         | 72                |
| Weight incl. packaging      | kg         | 72                |
| Dimensions (L x W x H)      | mm         | 1020 x 680 x 1490 |

### Equipment

Main filter: Star filter  
 Accessories included in the scope of delivery: no  
 Container emptying: Set-down trolley



## ACD – Applied for Combustible Dust

- For the safe and economical vacuuming of combustible dusts.
- Conforms to the IEC 60335-2-69 standard.



## Forced guidance of the trapped particles

- The suction waste is completely wetted by the inert fluid.



## Monitoring the container fluid

- The inert fluid level is monitored through an inspection glass.

## ACCESSORIES FOR IVM 60/12-1 M ACD WS

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|                                               |    | Order no.   | Description                                                                                                                                                                              |   |
|-----------------------------------------------|----|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>FILTERS</b>                                |    |             |                                                                                                                                                                                          |   |
| <b>Bag/star filter</b>                        |    |             |                                                                                                                                                                                          |   |
| Star filter PE/PTFE el. M 1,6m²               | 1  | 9.990-222.0 |                                                                                                                                                                                          | ■ |
| <b>EMPTYING SUPPORTS</b>                      |    |             |                                                                                                                                                                                          |   |
| <b>Strainer baskets</b>                       |    |             |                                                                                                                                                                                          |   |
| Wire basket IVM WS, V2A                       | 2  | 9.990-111.0 | Stainless steel strainer basket for use in IVM 60/12-1 M ACD WS in conjunction with filter fleece ø325 mm (9.990-387.0).                                                                 | ■ |
| <b>Fine fleece</b>                            |    |             |                                                                                                                                                                                          |   |
| 5 × filter fleece dia. 325 mm                 | 3  | 9.990-387.0 | Fine filter fleece guarantees the collection of fine dust in the container system of the IVM 60/12-1 M ACD WS.                                                                           | ■ |
| <b>ACCESSORY SETS</b>                         |    |             |                                                                                                                                                                                          |   |
| <b>Accessory kit for solids/dust</b>          |    |             |                                                                                                                                                                                          |   |
| Food accessory kit Expert DN 40               | 4  | 9.989-940.0 | Food accessory kit DN 40: PU hose 3 m (9.989-970.0), handle (9.989-898.0), standard nozzle (9.989-838.0), brush (9.989-879.0), reducer (9.989-713.0), adapter (9.993-012.0).             | □ |
| Floor cleaning kit dry Professional DN 40     | 5  | 9.990-877.0 | Professional dry floor cleaning set: adapter (9.990-874.0), hose (2.889-141.0), bend (2.889-172.0), 2 × suction tube (2.889-194.0), 3 × nozzles (6.906-958.0, 6.903-033.0, 6.902-105.0). | □ |
| Floor cleaning kit dry Advanced DN 40         | 6  | 9.990-893.0 | Advanced dry floor cleaning set: EVA hose (9.990-923.0), handle (9.990-929.0), 2 × suction tube (9.990-933.0), floor nozzle (9.990-935.0), standard nozzle (9.980-773.0).                | □ |
| Accessory kit for solids/dust Expert DN 40    | 7  | 9.989-659.0 | Accessory kit DN 40 for industrial vacuum cleaners (solids and dust): EVA hose (9.988-088.0), handle (9.977-679.0), standard nozzle (9.988-401.0), reducer (9.989-690.0).                | □ |
| <b>NOZZLES</b>                                |    |             |                                                                                                                                                                                          |   |
| <b>Standard nozzles</b>                       |    |             |                                                                                                                                                                                          |   |
| Standard nozzle silicone DN40                 | 8  | 9.988-401.0 | Stretchy standard nozzle made from silicone, inner cone DN 40.                                                                                                                           | □ |
| Standard aluminium nozzle DN40                | 9  | 9.980-748.0 | Diagonal nozzle made from anodised aluminium, electroconductive, DN 40.                                                                                                                  | □ |
| <b>Flexible standard nozzles</b>              |    |             |                                                                                                                                                                                          |   |
| Standard nozzle flexible PVC DN40             | 10 | 9.981-420.0 | Electroconductive, flexible round nozzle made from galvanised steel, with rubber mouthpiece DN 30.                                                                                       | □ |
| <b>Floor nozzles</b>                          |    |             |                                                                                                                                                                                          |   |
| Floor nozzle stainless steel AISI 316L DN-F40 | 11 | 9.989-914.0 |                                                                                                                                                                                          | □ |
| Floor nozzle stainless steel 400 mm DN-F40    | 12 | 9.989-934.0 |                                                                                                                                                                                          | □ |
| Floor nozzle aluminium 400 mm DN-F40          | 13 | 9.989-936.0 |                                                                                                                                                                                          | □ |
| <b>Crevice nozzles</b>                        |    |             |                                                                                                                                                                                          |   |
| Crevice nozzle PP 15 mm × 145 mm DN40         | 14 | 9.988-116.0 | Electroconductive, flat multi-purpose crevice nozzle made from plastic, DN 42.                                                                                                           | □ |

■ Included in the scope of supply. □ Available accessories.

## ACCESSORIES FOR IVM 60/12-1 M ACD WS

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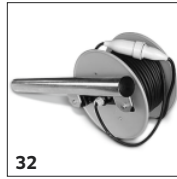


|                                               |    | Order no.   | Description                                                                                            |                          |
|-----------------------------------------------|----|-------------|--------------------------------------------------------------------------------------------------------|--------------------------|
| <b>NOZZLES</b>                                |    |             |                                                                                                        |                          |
| <b>Flexible crevice nozzles</b>               |    |             |                                                                                                        |                          |
| Flexible crevice nozzle 20 mm × 45 mm DN40    | 15 | 9.981-423.0 | Flexible and electroconductive crevice nozzle made from galvanised steel with 20 mm slot width, DN 40. | <input type="checkbox"/> |
| <b>Surface nozzles</b>                        |    |             |                                                                                                        |                          |
| Silicone surface nozzle 120 mm DN40           | 16 | 9.988-118.0 | Electroconductive rubber nozzle, angled, DN 40, suitable for use with foods.                           | <input type="checkbox"/> |
| <b>BRUSHES</b>                                |    |             |                                                                                                        |                          |
| <b>Standard brushes</b>                       |    |             |                                                                                                        |                          |
| Standard brush 40 mm DN40                     | 17 | 9.981-431.0 | Flat brush nozzle DN 40.                                                                               | <input type="checkbox"/> |
| <b>Cylinder brushes</b>                       |    |             |                                                                                                        |                          |
| Cylinder brush ø 100 mm DN-F40                | 18 | 9.989-922.0 |                                                                                                        | <input type="checkbox"/> |
| Cylinder brush ø 200 mm DN-F40                | 19 | 9.989-923.0 |                                                                                                        | <input type="checkbox"/> |
| <b>HOSES</b>                                  |    |             |                                                                                                        |                          |
| <b>PVC</b>                                    |    |             |                                                                                                        |                          |
| Hose PVC DN40 3 m                             | 20 | 9.989-962.0 |                                                                                                        | <input type="checkbox"/> |
| Hose PVC DN40 5 m                             | 21 | 9.989-963.0 |                                                                                                        | <input type="checkbox"/> |
| Hose PVC DN40 3 m                             | 22 | 9.989-647.0 | PVC hose, DN 40. Temperature-resistant up to 85 °C and electrically conductive. Length: 3 m.           | <input type="checkbox"/> |
| Hose PVC DN40 5 m                             | 23 | 9.989-614.0 | Electroconductive PVC hose, DN 40. Temperature-resistant up to 85 °C. Length: 5 m.                     | <input type="checkbox"/> |
| <b>EVA hoses</b>                              |    |             |                                                                                                        |                          |
| Hose EVA NW40 3 m                             | 24 | 9.988-088.0 | Electroconductive hose with NW 40. Suitable for temperatures up to 65°C. Length: 3 m.                  | <input type="checkbox"/> |
| Hose EVA NW40 5 m                             | 25 | 9.988-089.0 | Five-metre-long, electroconductive hose with NW 40. Suitable for temperatures up to 65°C. Length: 5 m. | <input type="checkbox"/> |
| <b>HANDLES</b>                                |    |             |                                                                                                        |                          |
| Handle stainless steel AISI 304 DN40          | 26 | 9.989-896.0 |                                                                                                        | <input type="checkbox"/> |
| Handle straight stainless steel AISI 304 DN40 | 27 | 9.989-898.0 |                                                                                                        | <input type="checkbox"/> |
| Handle DN 40                                  | 28 | 9.977-679.0 | 45° curved and electroconductive handle made from stainless steel. Inner cone DN 40.                   | <input type="checkbox"/> |

☐ Available accessories.

## ACCESSORIES FOR IVM 60/12-1 M ACD WS

### 9.991-081.0



|                                                 |    | Order no.   | Description                                                                                                                                           |                          |
|-------------------------------------------------|----|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>HANDLES</b>                                  |    |             |                                                                                                                                                       |                          |
| Stainless steel handle NW40                     | 29 | 9.989-036.0 | Curved and electroconductive handle made from stainless steel. Angle 45°, inner cone NW 40.                                                           | <input type="checkbox"/> |
| <b>OTHER ACCESSORIES</b>                        |    |             |                                                                                                                                                       |                          |
| Universal accessories holder                    | 30 | 9.989-789.0 | Universal accessories holder for simple storage of suction tubes directly on industrial vacuums from the IVC, IVM and IVS product lines from Kärcher. | <input type="checkbox"/> |
| 20 litres of inert oil for IVM 60/12-1 M ACD WS | 31 | 9.990-272.0 | Inert oil with a high boiling point, specially developed for use in our IVM 60/12-1 M ACD WS industrial vacuum.                                       | <input type="checkbox"/> |
| Cable drum 25 m (3 × 1.5 ³)                     | 32 | 9.982-080.0 | AC cable drum with 25 m cable, for fixing in accessories holder 6.415-930.0.                                                                          | <input type="checkbox"/> |
| Power cable storage compartment                 | 33 | 5.037-240.0 | The power cord is stored on a hook attached to the tubular frame. The practical cord hook is suitable for a pipe diameter of 30 to 32 mm.             | <input type="checkbox"/> |

☐ Available accessories.