IVR-L 120/24-2 TC ME DP

The IVR-L 120/24-2 Tc Me Dp oil vacuum cleaner with 120-litre container and autonomous drum pump is ideal for vacuuming, separating and returning cooling or drilling oils containing solids such as metal shavings.

Made in Germany

EDELSTAHL Rost frei

2-3 h

Order no.	9.987-890.0

- 360° working radius, ergonomic tilting chassis

Technical data

EAN code		4054278275895
Number of current phases	**Ph**	1
Voltage	**V**	220 – 240
Frequency	**Hz**	50 – 60
Air flow	**l/s / m³/h**	148 / 532
Vacuum	**mbar / kPa**	235 / 23
Container capacity	**l**	120
Container material		Stainless steel
Rated input power	**kW**	2.4
Vacuuming type		Electric
Connection nominal diameter		DN 50
Accessory nominal diameter		DN 50
Main filter dust class		L
Filter area for main filter	**m²**	0.45
Sound pressure level	**dB(A)**	68
Cable length	**m**	10
Weight without accessories	**kg**	72
Weight (with accessories)	**kg**	72
Weight incl. packaging	**kg**	72.8
Dimensions (L × W × H)	**mm**	745 × 710 × 1420

Equipment

Main filter: Surface filter

Accessories included in the scope of delivery: no

Drum pump function

Container emptying: Tilting chassis

Ergonomic tilting chassis

- Sophisticated system for safe, manual, effortless emptying.
- Chassis system enables ergonomic tilted emptying using the roll-off mechanism.
- Quick and easy emptying of the container: just tip backwards and you are done!

High-quality stainless steel collection container

- Very easy to clean.
- Suitable for corrosive suction material.
- Transparent hose as filling level indicator and for draining liquids.

Drum pump function

- An autonomous barrel pump significantly increases the ability for vacuumed matter to be returned.
- Transparent hose for checking the amount of fluid absorbed.

IVR-L 120/24-2 Tc Me Dp, 9.987-890.0, 2026-09-18

SUSTAINABILITY ASPECTS OF IVR-L 120/24-2 TC ME DP 9.987-890.0

Sustainability aspects of Beyond Cleaning			
Recycled plastics share device	**%**	25	All plastic parts excluding accessories

KÄRCHER

ACCESSORIES FOR IVR-L 120/24-2 TC ME DP
9.987-890.0

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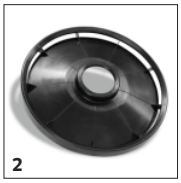
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		Order no.	Description	
FILTERS				
Surface filter				
Surface filter PE L 0.45 m²	1	9.988-256.0		■
OTHER ACCESSORIES				
Baffle plate Ø 517 mm	2	9.980-857.0	Baffle plate made from plastic with 517 mm diameter for containers and tanks.	■
Cable drum 25 m (3 × 1.5 ²)	3	9.982-080.0	AC cable drum with 25 m cable, for fixing in accessories holder 6.415-930.0.	☐
HANDLES				
Handle stainless steel AISI 304 DN50	4	9.989-897.0		☐
Handle straight stainless steel AISI 304 DN50	5	9.989-899.0		☐
Handle DN50, curved	6	9.977-678.0	Electroconductive and 45° curved handle made from stainless steel. Inner cone DN 50.	☐
SUCTION TUBES				
Suction tube 850 mm DN 50	7	9.977-531.0	850 mm long extension tube made from steel. Electroconductive and with inner cone DN 50.	☐
ACCESORY SETS				
Accessory kit for liquids				
Liquid/solid accessory kit Expert DN50	8	9.990-879.0	Accessory kit DN50 for liquid vacuums: PU hose 3 m (9.989-619.0), handle (9.977-678.0), standard nozzle (9.988-402.0), surface nozzle 120 mm (9.988-119.0).	☐
Accessory kit for liquids/chips				
Oil/swarf accessory kit DN50 Expert	9	9.990-881.0	Accessory kit DN50 for liquid and swarf vacuum: ME-PU hose 3 m (9.989-623.0), handle (9.977-678.0), standard nozzle (9.989-673.0), surface nozzle (9.988-119.0).	☐
Floor cleaning kit liquid Advanced DN 50	10	9.990-896.0	Advanced liquid floor cleaning set: EVA hose (9.990-926.0), handle (9.990-928.0), 2 × suction tube (9.990-932.0), floor nozzle (9.990-938.0), standard nozzle (9.980-761.0).	☐
Accessory kit for solids/dust				
Food accessory kit Expert DN 50	11	9.989-941.0	Food accessory kit: PU hose 3 m (9.989-973.0), handle (9.989-899.0), standard nozzle (9.989-844.0), brush (9.989-880.0), reducer (9.989-712.0), adapter (9.993-011.0).	☐
NOZZLES				
Standard nozzles				
Mouth piece elastic nozzle DN 50	12	9.980-761.0		☐
Standard nozzle silicone FDA blue DN-F50	13	9.989-841.0		☐
Standard nozzle silicone FDA green DN-F50	14	9.989-842.0		☐

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

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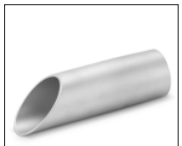
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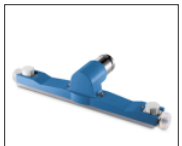
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		Order no.	Description	
NOZZLES				
Standard nozzles				
Standard nozzle silicone FDA red DN-F50	15	9.989-843.0		☐
Standard nozzle silicone FDA transparent DN-F50	16	9.989-844.0		☐
Standard nozzle silicone FDA white DN-F50	17	9.989-845.0		☐
Standard nozzle silicone FDA yellow DN-F50	18	9.989-846.0		☐
Standard PVC nozzle DN50	19	9.989-673.0	Electroconductive standard PVC nozzle. DN 50.	☐
Standard nozzle silicone DN50	20	9.988-402.0		☐
Standard nozzle cuttable rubber DN50	21	9.989-675.0	Standard nozzle, electroconductive, made from cuttable rubber. DN 50.	☐
Standard aluminium nozzle DN50	22	9.980-749.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 50.	☐
Flexible standard nozzles				
Standard nozzle flexible PVC DN50	23	9.981-421.0	Electroconductive, flexible round nozzle made from galvanised steel, DN 50, with rubber mouthpiece DN 30.	☐
Standard nozzle, flexible, angled 90° PP DN50	24	9.981-430.0	Flexible, electroconductive angled nozzle, DN 50, length: 800 mm.	☐
Floor nozzles				
Floor nozzle stainless steel AISI 316L DN-F50 blue	25	9.989-862.0		☐
Floor nozzle stainless steel AISI 316L DN-F50 green	26	9.989-864.0		☐
Floor nozzle stainless steel AISI 316L DN-F50 red	27	9.989-866.0		☐
Floor nozzle stainless steel AISI 316L DN-F50 transparent	28	9.989-868.0		☐

☐ Available accessories.

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		Order no.	Description	
NOZZLES				
Floor nozzles				
Floor nozzle stainless steel AISI 316L DN-F50 white	29	9.989-870.0		☐
Floor nozzle stainless steel AISI 316L DN-F50 yellow	30	9.989-872.0		☐
Floor nozzle stainless steel AISI 316L DN-F50	31	9.989-915.0		☐
Floor nozzle stainless steel 400 mm DN-F50	32	9.989-935.0		☐
Floor nozzle aluminium 400 mm DN-F50	33	9.989-937.0		☐
Aluminium floor nozzle 200 mm DN50	34	9.981-426.0	Floor nozzle, DN 50, with 200 mm suction width.	☐
Aluminium floor nozzle 370 mm DN50	35	9.989-664.0	Floor nozzle. 370 mm, made from aluminium. DN 50.	☐
Aluminium floor nozzle 500 mm DN50	36	9.989-684.0	Floor nozzle, 500 mm, made from aluminium. Electroconductive. DN 50.	☐
Crevice nozzles				
Crevice nozzle PP 15 mm × 145 mm DN50	37	9.988-117.0	Electroconductive, flat multi-purpose crevice nozzle made from plastic, DN 52.	☐
Crevice nozzle 18 mm × 120 mm DN50	38	9.981-442.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 17 mm slot width.	☐
Crevice nozzle 25 mm × 120 mm DN50	39	9.981-465.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 25 mm slot width.	☐
Flexible crevice nozzles				
Crevice nozzle flexible silicone FDA DN-F50 transparent	40	9.989-847.0		☐
Flexible crevice nozzle silicone 65 mm DN50	41	9.988-403.0	Flexible crevice nozzle made from silicone, DN 50.	☐
Flexible crevice nozzle 12 mm × 45 mm DN50	42	9.981-424.0	Flexible, electroconductive galvanised crevice nozzle, DN 50, with 13 mm slot width.	☐

☐ Available accessories.

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		Order no.	Description	
NOZZLES				
Flexible crevice nozzles				
Flexible crevice nozzle 20 mm × 45 mm DN50	43	9.981-425.0	Flexible and electroconductive crevice nozzle made from galvanised steel with 20 mm slot width, DN 50.	☐
Surface nozzles				
Silicone surface nozzle FDA blue DN-F50	44	9.989-850.0		☐
Silicone surface nozzle FDA green DN-F50	45	9.989-852.0		☐
Silicone surface nozzle FDA red DN-F50	46	9.989-854.0		☐
Silicone surface nozzle FDA transparent DN-F50	47	9.989-856.0		☐
Silicone surface nozzle FDA white DN-F50	48	9.989-858.0		☐
Silicone surface nozzle FDA yellow DN-F50	49	9.989-860.0		☐
Silicone surface nozzle 120 mm DN50	50	9.988-119.0	Electroconductive rubber nozzle, angled, DN 50, suitable for use with foods.	☐
Aluminium surface nozzle 150 mm DN50	51	9.989-665.0	Surface nozzle, 150 mm, made from aluminium. DN 50.	☐
Liquid nozzles				
Liquid nozzle 900 mm DN50	52	9.981-427.0	Bypass nozzle, DN 50, overall length: 1000 mm.	☐
Borehole nozzles				
Blind hole nozzle DN40	53	9.989-671.0	90° curved blind hole nozzle with 60 mm diameter.	☐
Blind hose nozzle angled 60° DN40	54	9.989-669.0	90° curved blind hole nozzle with 48 mm diameter. DN 40.	☐
Blind hole nozzle angled 90° DN40	55	9.989-667.0	90° curved blind hole nozzle with 60 mm diameter. DN 40.	☐
Blind hose nozzle angled 90° 200 mm extension DN40	56	9.989-670.0	90° curved blind hole nozzle with 48 mm diameter. DN 40.	☐

☐ Available accessories.

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		Order no.	Description	
BRUSHES				
End brushes				
Brush FDA blue ø 75 mm DN-F50	57	9.989-874.0		☐
Brush FDA green ø 75 mm DN-F50	58	9.989-876.0		☐
Brush FDA red ø 75 mm DN-F50	59	9.989-878.0		☐
Brush FDA white ø 75 mm DN-F50	60	9.989-880.0		☐
Brush FDA yellow ø 75 mm DN-F50	61	9.989-882.0		☐
End brush Ø 82 mm DN50	62	9.989-608.0	Electroconductive end brush with 82 mm diameter. DN 50.	☐
Cylinder brushes				
Cylinder brush ø 100 mm DN-F50	63	9.989-925.0		☐
Cylinder brush ø 200 mm DN-F50	64	9.989-926.0		☐
HOSES				
Hose installation sets				
Hose installation kit DN50	65	9.989-628.0	Multipiece hose connection kit, DN 50.	☐
Hose connection kit, stainless steel AISI 304 DN50	66	9.989-987.0	Hose connection kit in nominal width DN 50, made of stainless steel. Contents: 1 hose connection piece, 1 hose connection (rotating), 2 hose clamps, 2 hose end pieces (black), 1 flat bag (PE plastic).	☐
Hose connection kit, DN50 AISI 304 FDA	67	9.990-346.0	FDA-compliant hose connection kit in nominal width DN 50, made of stainless steel. Contents: 1 hose connection piece, 1 hose connection, 2 hose clamps, 2 hose end pieces (white), 1 flat bag (PE plastic).	☐
PU hoses				
Hose PU, hose connectors stainless steel, DN 50 3 m	68	9.989-968.0		☐
Hose PU, hose connectors stainless steel, DN 50 5 m	69	9.989-969.0		☐
Hose PU FDA, hose connectors stainless steel, DN 50 3 m	70	9.989-973.0		☐

☐ Available accessories.

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		Order no.	Description	
HOSES				
PU hoses				
Hose PU FDA, hose connectors stainless steel, DN 50 5 m	71	9.989-974.0		☐
Hose PU FDA DN50 15 m, without connectors	72	9.989-975.0		☐
Hose PU DN50 3 m	73	9.989-619.0	Oil-resistant, electroconductive PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 80 °C. Length: 3 m.	☐
Hose PU DN50 5 m	74	9.989-620.0	Oil-resistant, electroconductive PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 80 °C. Length: 5 m.	☐
PU hose DN50 15 m without connectors	75	9.989-638.0	PU hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 80 °C. Length: 15 m.	☐
ME-PU-hoses				
Hose ME-PU DN50 3 m	76	9.989-623.0	Electroconductive, oil-resistant ME-PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 3 m.	☐
Hose ME-PU DN50 5 m	77	9.989-625.0	Electroconductive, oil-resistant ME-PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 5 m.	☐
ME-PU hose DN50 15 m without connectors	78	9.989-641.0	Electroconductive, oil-resistant ME-PU hose without tap adapter, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 15 m.	☐
ADAPTERS / REDUCERS / DISTRIBUTORS				
Reducers/expanders				
Reducer DN 70 to DN 50	79	9.977-772.0		☐
Reduction DN50 to DN40	80	9.981-231.0	Reducer from DN 50 to DN 40. Material: Steel. Electroconductive.	☐
Expander				
Expansion DN50 to DN70	81	9.981-921.0	Reducer from external cone DN 50 to internal cone DN 70. Material: Steel. Electroconductive.	☐
Distributor				
Y-piece fitting DN50 to DN40	82	9.981-149.0	Manifold, electroconductive, steel, DN 50/40/40.	☐
EMPTYING SUPPORTS				
Strainer baskets				
Filter basket, stainless steel, Ø 495 mm, 40 l	83	9.980-849.0	Stainless steel strainer basket with 40 l capacity and 1.5 mm hole diameter for separating liquids and shavings.	☐
Other emptying aids				
Overfill protection dia. 540 mm	84	9.982-117.0	Float insert, stainless steel, for overfill prevention with ball float, central suction.	☐

☐ Available accessories.

ACCESSORIES FOR IVR-L 120/24-2 TC ME DP 9.987-890.0

		Order no.	Description	
PRE-SEPARATORS				
Pre-separator				
Pre-separator station SB 100L	85	9.982-243.0		☐
Pre-separator Tc Op liquids 125 l DN70	86	9.989-686.0	125 litre pre-separator, DN 70.	☐
Pre-separator Ef solid materials 100 l DN70	87	9.982-238.0	Mobile pre-separator station with 100 l capacity and discharge flap.	☐
Pre-separator drum 200 l	88	9.989-685.0	Standard drum which complies with the ISO 15750-2 standard.	☐
Pre-separator lid				
Pre-separator lid DN 50, for 200 l drum	89	9.981-659.0		☐
Pre-separator cover Op liquids ø 517 mm DN70	90	9.981-666.0	Pre-separator cover DN 70. Suitable for containers with 517 mm diameter.	☐
Pre-separator cover Op liquids ø 575 mm DN70	91	9.981-662.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	☐
Pre-separator cover solid materials ø 517 mm DN70	92	9.981-665.0	Pre-separator cover DN 70. Suitable for containers with 517 mm diameter.	☐
Pre-separator cover solid materials ø 575 mm DN70	93	9.981-661.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	☐

☐ Available accessories.