

IVR-L 120/24-2 TC

The IVR-L 120/24-2 Tc is the basic version of the IVR-L 120 Tc models and is perfect for vacuuming and separating cooling lubricants and shavings in the metalworking industry.



Order no. 9.987-888.0

Technical data

EAN code		4054278275871
Power supply	Ph / V / Hz	1 / 220 - 240 / 50 - 60
Air flow	l/s / m³/h	148 / 532
Vacuum	mbar / kPa	235 / 23
Container capacity	l	120
Container material		Metal
Rated input power	kW	2.4
Vacuuming type		Electric
Connection nominal diameter		DN 50
Accessory nominal diameter		DN 50 / DN 40
Main filter dust class		L
Filter area for main filter	m²	0.45
Weight without accessories	kg	66
Weight (with accessories)	kg	66
Weight incl. packaging	kg	67
Dimensions (L x W x H)	mm	740 x 620 x 1180

This machine requires instruction.

Equipment

Accessories included in the scope of delivery	no
Container emptying	Tilting chassis

■ Included in the scope of supply.



New drive head for increased safety, convenience and power

- The low weight of the drive head ensures easier handling during transport, emptying and servicing.
- Greater work safety during transport thanks to cable storage on the machine head.
- Integrated exhaust air cover prevents dirt ingress in the motor compartment.

360° working radius

- Clean in all directions thanks to the rotatable hose connection on the suction head. Tangle-free suction hose.

Practical tilting chassis

- Quick and easy emptying of the container: just tip backwards and you are done!

ACCESSORIES FOR IVR-L 120/24-2 TC

9.987-888.0

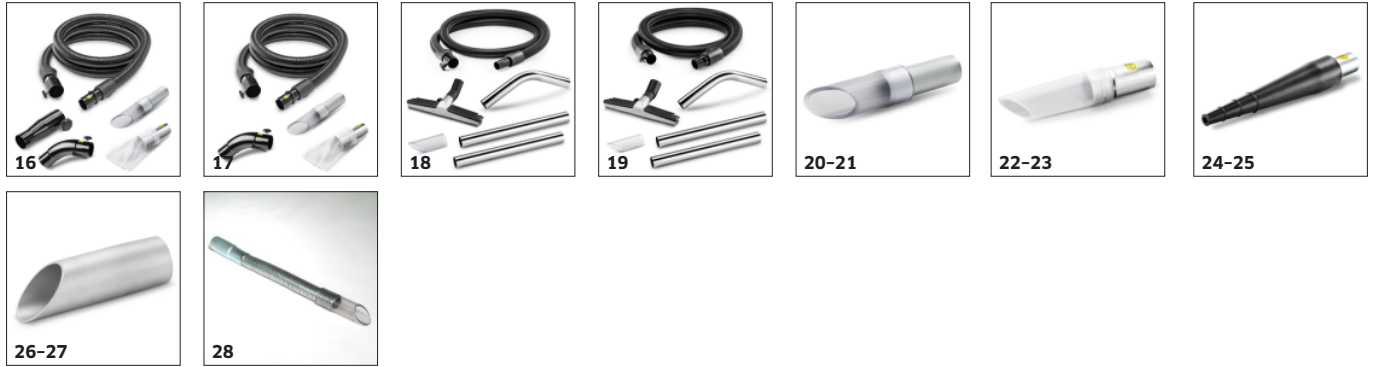


		Order no.	Description	
OTHER ACCESSORIES				
Baffle plate Ø 517 mm	1	9.980-857.0	Baffle plate made from plastic with 517 mm diameter for containers and tanks.	■
HANDLES				
Elbow aluminium 45° DN40	2	9.989-544.0	45° curved handle made from aluminium, DN 40.	☐
Elbow aluminium 45° DN50	3	9.989-547.0	Handle with 45° bend. Made from aluminium, DN 50.	☐
Handle DN 40	4	9.977-679.0	45° curved and electroconductive handle made from stainless steel. Inner cone DN 40.	☐
Handle DN50, curved	5	9.977-678.0	Electroconductive and 45° curved handle made from stainless steel. Inner cone DN 50.	☐
Stainless steel handle NW40	6	9.989-036.0	Curved and electroconductive handle made from stainless steel. Angle 45°, inner cone NW 40.	☐
Stainless steel handle NW50	7	9.988-111.0	Curved and electroconductive handle made from stainless steel. Angle 45°, inner cone NW 50.	☐
SUCTION TUBES				
Suction tube 850 mm DN 40	8	9.977-525.0	Steel extension tube, electroconductive, DN 40. Length: 850 mm.	☐
Suction tube 850 mm DN 50	9	9.977-531.0	850 mm long extension tube made from steel. Electroconductive and with inner cone DN 50.	☐
Aluminium suction tube 1500 mm NW40	10	9.989-038.0	Aluminium extension tube, electroconductive, NW 40. Length: 1500 mm.	☐
Aluminium suction tube 1500 mm NW50	11	9.989-035.0	Electrically conductive suction tube (1500 mm) made of aluminium with 50 mm diameter.	☐
Stainless steel suction tube 850 mm NW40	12	9.989-039.0	Stainless steel extension tube, electroconductive, NW 40. Length: 850 mm.	☐
Stainless steel suction tube 850 mm NW50	13	9.988-114.0	Electroconductive extension tube made from stainless steel. Inner cone NW 50.	☐
ACCESSORY SETS				
Accessory kit for liquids				
Liquid/solid accessory kit Expert DN40	14	9.990-878.0	Accessory kit DN40 for liquid vacuums: PU hose 3 m (9.989-617.0), handle (9.977-679.0), standard nozzle (9.988-401.0), reducer (9.981-231.0), surface nozzle 120 mm (9.988-118.0).	☐

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

ACCESSORIES FOR IVR-L 120/24-2 TC

9.987-888.0



		Order no.	Description	
ACCESSORY SETS				
Accessory kit for liquids				
Liquid/solid accessory kit Expert DN50	15	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 DN40 Expert	16	9.990-880.0	Accessory kit DN40 for liquid vacuum and swarf vacuum: 3 m ME-PU hose (9.989-621.0), handle (9.977-679.0), standard nozzle (9.989-674.0), reducer (9.981-231.0), surface nozzle (9.988-118.0).	☐
Oil/swarf accessory kit DN50 Expert	17	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).	☐
Advanced liquid floor cleaning set DN40	18	9.990-895.0	Advanced liquid floor cleaning set: EVA hose (9.990-925.0), handle (9.990-927.0), 2 × suction tube (9.990-931.0), floor nozzle (9.990-937.0), standard nozzle (9.980-773.0).	☐
Advanced liquid floor cleaning set DN50	19	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).	☐
NOZZLES				
Standard nozzles				
Standard PVC nozzle DN40	20	9.989-674.0	Electroconductive standard PVC nozzle. DN 40.	☐
Standard PVC nozzle DN50	21	9.989-673.0	Electroconductive standard PVC nozzle. DN 50.	☐
Standard nozzle silicone DN40	22	9.988-401.0	Stretchy standard nozzle made from silicone, inner cone DN 40.	☐
Standard nozzle silicone DN50	23	9.988-402.0		☐
Standard nozzle cuttable rubber DN40	24	9.989-677.0	Standard nozzle, electroconductive, made from cuttable rubber. DN 40.	☐
Standard nozzle cuttable rubber DN50	25	9.989-675.0	Standard nozzle, electroconductive, made from cuttable rubber. DN 50.	☐
Standard aluminium nozzle DN40	26	9.980-748.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 40.	☐
Standard aluminium nozzle DN50	27	9.980-749.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 50.	☐
Flexible standard nozzles				
Standard nozzle flexible PVC DN40	28	9.981-420.0	Electroconductive, flexible round nozzle made from galvanised steel, with rubber mouthpiece DN 30.	☐

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

ACCESSORIES FOR IVR-L 120/24-2 TC

9.987-888.0



		Order no.	Description	
NOZZLES				
Flexible standard nozzles				
Standard nozzle flexible PVC DN50	29	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 DN40	30	9.981-429.0	Flexible, electroconductive angled nozzle, DN 40, length: 800 mm.	☐
Standard nozzle, flexible, angled 90° PP DN50	31	9.981-430.0	Flexible, electroconductive angled nozzle, DN 50, length: 800 mm.	☐
Floor nozzles				
Aluminium floor nozzle 370 mm DN40	32	9.989-683.0	Floor nozzle, 370 mm, made from aluminium. DN 40.	☐
Aluminium floor nozzle, el, 370 mm, DN40	33	9.989-682.0	Floor nozzle, 370 mm, made from aluminium. Electroconductive. DN 40.	☐
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. Electroconductive. DN 50.	☐
Aluminium floor nozzle, el, 370 mm, DN50	36	9.987-612.0	Electroconductive multi-purpose floor nozzle. 370 mm wide, DN 50.	☐
Aluminium floor nozzle 500 mm DN50	37	9.989-684.0	Floor nozzle, 500 mm, made from aluminium. Electroconductive. DN 50.	☐
Aluminium floor nozzle, el, 500 mm, DN50	38	9.981-925.0	Floor nozzle with 500 mm suction width and hinge. DN 50, electroconductive.	☐
Stainless steel floor nozzle el 370 mm DN40	39	9.989-558.0	Multi-purpose floor nozzle (370 mm), electroconductive, DN 40.	☐
Stainless steel floor nozzle el 370 mm DN50	40	9.988-115.0	Floor nozzle (370 mm) made from stainless steel, electroconductive, DN 50.	☐
Floor nozzle rubber strip oil-resistant. 220 mm	41	9.981-923.0	Squeegee with plastic strip for floor nozzle, 220 mm wide.	☐
Floor nozzle rubber strip 370 mm	42	9.981-914.0	Squeegee with profiled strip for floor nozzle, 370 mm wide.	☐

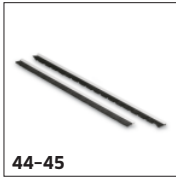
■ Included in the scope of supply. □ Available accessories.

ACCESSORIES FOR IVR-L 120/24-2 TC

9.987-888.0



42-43



44-45



47



48-49



50



51-52, 54



53



55-56

		Order no.	Description	
NOZZLES				
Floor nozzles				
Floor nozzle rubber strip 500 mm	43	9.981-915.0	Oil-resistant squeegee with profiled strip for floor nozzle, 500 mm wide.	☐
Floor nozzle brush strip el. 370 mm	44	9.984-939.0	Electroconductive squeegee for floor nozzle, 370 mm wide.	☐
Floor nozzle brush strip 500 mm	45	9.980-764.0	Brush strip set for floor nozzle 500 mm, with profiled strip.	☐
Crevice nozzles				
Crevice nozzle PP 15 mm × 145 mm DN50	46	9.988-117.0	Electroconductive, flat multi-purpose crevice nozzle made from plastic, DN 52.	☐
Crevice nozzle PU 22 mm × 175 mm DN50	47	9.981-482.0	Crevice nozzle made from PU, DN 50.	☐
Crevice nozzle 18 mm × 120 mm DN50	48	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	49	9.981-465.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 25 mm slot width.	☐
Flexible crevice nozzles				
Flexible crevice nozzle silicone 65 mm DN50	50	9.988-403.0	Flexible crevice nozzle made from silicone, DN 50.	☐
Flexible crevice nozzle 11 mm × 58 mm DN40	51	9.989-681.0	Electroconductive and flexible crevice nozzle, 11 × 58 mm.	☐
Flexible crevice nozzle 20 mm × 45 mm DN40	52	9.981-423.0	Flexible and electroconductive crevice nozzle made from galvanised steel with 20 mm slot width, DN 40.	☐
Flexible crevice nozzle 12 mm × 45 mm DN50	53	9.981-424.0	Flexible, electroconductive galvanised crevice nozzle, DN 50, with 13 mm slot width.	☐
Flexible crevice nozzle 20 mm × 45 mm DN50	54	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 120 mm DN40	55	9.988-118.0	Electroconductive rubber nozzle, angled, DN 40, suitable for use with foods.	☐
Silicone surface nozzle 120 mm DN50	56	9.988-119.0	Electroconductive rubber nozzle, angled, DN 50, suitable for use with foods.	☐

☐ Available accessories.

ACCESSORIES FOR IVR-L 120/24-2 TC

9.987-888.0



		Order no.	Description	
NOZZLES				
Surface nozzles				
Aluminium surface nozzle, 150 mm, DN 40	57	9.989-666.0	Surface nozzle, 150 mm, made from aluminium. DN 40.	☐
Aluminium surface nozzle 150 mm DN50	58	9.989-665.0	Surface nozzle, 150 mm, made from aluminium. DN 50.	☐
Liquid nozzles				
Liquid nozzle 900 mm DN50	59	9.981-427.0	Bypass nozzle, DN 50, overall length: 1000 mm.	☐
Borehole nozzles				
Blind hole nozzle DN40	60	9.989-671.0	90° curved blind hole nozzle with 60 mm diameter.	☐
Blind hose nozzle angled 60° DN40	61	9.989-669.0	90° curved blind hole nozzle with 48 mm diameter. DN 40.	☐
Blind hole nozzle angled 90° DN40	62	9.989-667.0	90° curved blind hole nozzle with 60 mm diameter. DN 40.	☐
Blind hose nozzle angled 90° 200 mm extension DN40	63	9.989-670.0	90° curved blind hole nozzle with 48 mm diameter. DN 40.	☐
BRUSHES				
Standard brushes				
Standard brush 40 mm DN40	64	9.981-431.0	Flat brush nozzle DN 40.	☐
Standard brush 40 mm DN50	65	9.981-432.0	Flat brush nozzle DN 50.	☐
End brushes				
End brush Ø 82 mm DN40	66	9.989-609.0	Electroconductive end brush with 82 mm diameter. DN 40.	☐
End brush Ø 82 mm DN50	67	9.989-608.0	Electroconductive end brush with 82 mm diameter. DN 50.	☐
Surface brushes				
Surface brush PP 24 mm DN40	68	9.989-610.0	Electroconductive surface brush. DN 40.	☐
Surface brush 300 mm DN40	69	9.981-911.0	Vacuum brush, 300 mm, with 45° connection, with star screw, horsehair bristles.	☐
Surface brush 300 mm DN50	70	9.981-912.0		☐

☐ Available accessories.

ACCESSORIES FOR IVR-L 120/24-2 TC

9.987-888.0



71-73



74



75-76



77-78, 80-81



79, 82



83-84, 86-87

		Order no.	Description	
HOSES				
EVA hoses				
Hose EVA NW40 3 m	71	9.988-088.0	Electroconductive hose with NW 40. Suitable for temperatures up to 65°C. Length: 3 m.	☐
Hose EVA NW40 5 m	72	9.988-089.0	Five-metre-long, electroconductive hose with NW 40. Suitable for temperatures up to 65°C. Length: 5 m.	☐
Hose EVA NW50 3 m	73	9.988-090.0	Electroconductive hose with NW50. Suitable for temperatures up to 65°C. Length: 3 m.	☐
Hose EVA NW50 5 m	74	9.988-091.0		☐
Hose installation sets				
Hose installation kit DN40	75	9.989-627.0	Multipiece hose connection set, DN 40.	☐
Hose installation kit DN50	76	9.989-628.0	Multipiece hose connection kit, DN 50.	☐
PU hoses				
Hose PU DN40 3 m	77	9.989-617.0	Oil-resistant, electroconductive PU hose, DN 40. Suitable for abrasive suction media and temperature-resistant up to 80 °C. Length: 3 m.	☐
Hose PU DN40 5 m	78	9.989-618.0	Oil-resistant, electroconductive PU hose, DN 40. Suitable for abrasive suction media and temperature-resistant up to 80 °C. Length: 5 m.	☐
PU hose DN40 15 m without connectors	79	9.989-637.0	PU hose without tap adapter, DN 40. Electroconductive and temperature-resistant up to 80 °C. Length: 15 m.	☐
Hose PU DN50 3 m	80	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	81	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	82	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 DN40 3 m	83	9.989-621.0	Electroconductive, oil-resistant ME-PU hose, DN 40. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 3 m.	☐
ME-PU hose, DN 40, 5 m	84	9.989-622.0	Electroconductive, oil-resistant ME-PU hose, DN 40. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 5 m.	☐

☐ Available accessories.

ACCESSORIES FOR IVR-L 120/24-2 TC

9.987-888.0



		Order no.	Description	
HOSES				
ME-PU-hoses				
ME-PU hose DN40 15 m without connectors	85	9.989-640.0	Electroconductive, oil-resistant ME-PU hose without tap adapter, DN 40. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 15 m.	☐
Hose ME-PU DN50 3 m	86	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	87	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	88	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				
Accessories adapter				
Adapter accessories DN 50 to DN 51	89	9.989-603.0	Steel adapter for connection of DN 50 to DN 51. Electroconductive.	☐
Adapter accessories DN 51 to DN 50	90	9.989-601.0	Steel adapter for connection of DN 51 to DN 50. Electroconductive.	☐
Adapter accessories DN50 to DN61	91	9.989-602.0	Steel adapter for connection of DN 50 to DN 61. Electroconductive.	☐
Adapter accessories DN 61 to DN 50	92	9.989-604.0	Steel adapter for connection of DN 61 to DN 50. Electroconductive.	☐
Reducers/expanders				
Reduction DN50 to DN40	93	9.981-231.0	Reducer from DN 50 to DN 40. Material: Steel. Electroconductive.	☐
Expander				
Expansion DN50 to DN70	94	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	95	9.981-149.0	Manifold, electroconductive, steel, DN 50/40/40.	☐
FILTERS				
Surface filter				
Surface filter PE L 0.45 m²	96	9.988-256.0		☐
EMPTYING SUPPORTS				
Strainer baskets				
Filter basket, stainless steel, Ø 495 mm, 40 l	97	9.980-849.0	Filter basket, stainless steel, 40 l, hole diameter 1.5 mm. For the efficient separation of liquids and shavings.	☐
Other emptying aids				
Emptying aid crane	98	9.980-832.0		☐

☐ Available accessories.

ACCESSORIES FOR IVR-L 120/24-2 TC

9.987-888.0



		Order no.	Description	
EMPTYING SUPPORTS				
Other emptying aids				
Overfill protection dia. 540 mm	99	9.982-117.0	Float insert, stainless steel, for overfill prevention with ball float, central suction.	☐
Fine fleece				
Fine fleece PE 40 l	100	9.981-048.0	Fine fleece filter made from polyester with 465 mm diameter. For separating fine metal shavings and liquids. With clamping ring, suitable for 40 litre filter basket.	☐
PRE-SEPARATORS				
Pre-separator				
Pre-separator Tc Op liquids 125 l DN70	101	9.989-686.0	125 litre pre-separator, DN 70.	☐
Pre-separator drum 200 l	102	9.989-685.0	Standard drum which complies with the ISO 15750-2 standard.	☐
Pre-separator lid				
Pre-separator cover Op liquids ø 517 mm DN70	103	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	104	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	105	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	106	9.981-661.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	☐

☐ Available accessories.