

# IVR 50/30 SC

IVR 50/30 Sc industrial vacuum cleaner suitable for continuous operation in non-explosive areas. For the safe vacuuming of combustible and hazardous dust and swarf.







#### Order no.

#### 9.989-411.0

- Cyclone-like pre-separation system
- Sound reduction

#### Ergonomic container control

Technical data		
EAN code		4054278695044
Supply voltage	Ph / V / Hz	3 / 400 / 50
Air flow	l/s / m³/h	88 / 312
Vacuum	mbar / kPa	260 / 26
Container content	I	50
Rated input power	kW	3
Vacuuming type		Electric
Connection nominal diameter		ID 50
Accessory nominal diameter		ID 50 / ID 40
Sound pressure level	dB(A)	62
Main filter dust class		Μ
Filter area for main filter	m²	1.75
Weight without accessories	kg	142
Weight incl. packaging	kg	142
Dimensions (L × W × H)	mm	855 × 760 × 1675

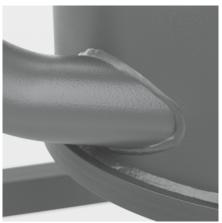
#### **Container emptying**

Included in the scope of supply.

#### Set-down trolley

Users must receive training on this device.





#### Particularly robust, particularly flexible

- With practical, movable suction hose port/pipe bend.
- Despite its very compact design, it features numerous options for carrying accessories.
- Machine and chassis very robust and equipped with high wall thicknesses.



#### Wear-resistant side channel blower

- With 3 kW power and soft start-up for vacuuming small amounts of dust and solid materials.
- For strong suction power and service life of at least 20,000 hours.
- Optimally suited for mobile use in multiple shift operation.



#### Convenient, manual filter cleaning

- Effortless operation by means of an ergonomically placed lever if required.
- Extends the life of the filter and thus reduces the maintenance effort.
- Identical cleaning results, regardless of the amount of force used.

# **ACCESSORIES FOR IVR 50/30 SC**

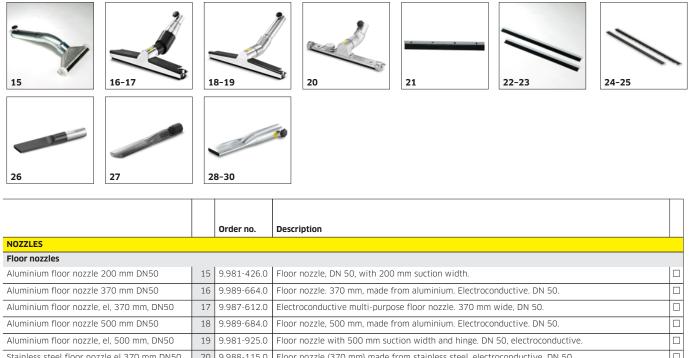
## 9.989-411.0



		Order no.	Description	
EMPTYING SUPPORTS				
Emptying bags				
PE emptying bag dia. 540 mm 50 l	1	9.977-885.0		
ACCESORY SETS				
Accessory kit for solids/dust				
Accessory kit for solids/dust DN 40	2	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).	
Accessory kit for solids/dust DN 50	3	9.989-662.0	Accessory kit DN 50 for industrial vacuum cleaners (solids and dust): EVA hose (9.988-090.0), handle (9.977-678.0), standard nozzle (9.988-402.0), reducer (9.977-772.0).	
NOZZLES				
Standard nozzles				
Standard PVC nozzle DN50	4	9.989-673.0	Electroconductive standard PVC nozzle. DN 50.	
Standard PVC nozzle DN70	5	9.989-676.0	Electroconductive standard PVC nozzle. DN 70.	
Standard nozzle silicone DN40	6	9.988-401.0	Stretchy standard nozzle made from silicone, inner cone DN 40.	
Standard nozzle silicone DN50	7	9.988-402.0		
Standard silicone nozzle DN70	8	9.989-672.0	Electroconductive standard silicone nozzle. DN 70.	
Standard nozzle cuttable rubber DN50	9	9.989-675.0	Standard nozzle, electroconductive, made from cuttable rubber. DN 50.	
Standard aluminium nozzle DN50	10	9.980-749.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 50.	
Standard aluminium nozzle DN70	11	9.989-663.0	Standard nozzle made from aluminium. Electroconductive. DN 70.	
Flexible standard nozzles				
Standard nozzle flexible PVC DN50	12	9.981-421.0	Electroconductive, flexible round nozzle made from galvanised steel, DN 50, with rubber mouthpiece DN 30.	
Standard nozzle flexible PVC DN70	13	9.981-422.0	Flexible, electroconductive standard nozzle, DN 70, with rubber mouthpiece.	
Standard nozzle, flexible, angled 90° PP DN50	14	9.981-430.0	Flexible, electroconductive angled nozzle, DN 50, length: 800 mm.	

 $\blacksquare$  Included in the scope of supply.  $\hfill\square$  Available accessories.

## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0



Aluminium floor nozzle, el, 500 mm, DN50	19	9.981-925.0	Floor nozzle with 500 mm suction width and hinge. DN 50, electroconductive.	
Stainless steel floor nozzle el 370 mm DN50	20	9.988-115.0	Floor nozzle (370 mm) made from stainless steel, electroconductive, DN 50.	
Floor nozzle rubber strip oil-resistant. 220 mm	21	9.981-923.0	Squeegee with plastic strip for floor nozzle, 220 mm wide.	
Floor nozzle rubber strip 370 mm	22	9.981-914.0	Squeegee with profiled strip for floor nozzle, 370 mm wide.	
Floor nozzle rubber strip 500 mm	23	9.981-915.0	Oil-resistant squeegee with profiled strip for floor nozzle, 500 mm wide.	
Floor nozzle brush strip el. 370 mm	24	9.984-939.0	Electroconductive squeegee for floor nozzle, 370 mm wide.	
Floor nozzle brush strip 500 mm	25	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	26	9.988-117.0	Electroconductive, flat multi-purpose crevice nozzle made from plastic, DN 52.	
Crevice nozzle PU 22 mm × 175 mm DN50	27	9.981-482.0	Crevice nozzle made from PU, DN 50.	
Crevice nozzle 18 mm × 120 mm DN50	28	9.981-442.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 17 mm slot width.	

Included in the scope of supply.  $\Box$  Available accessories.

## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0



		Order no.	Description	
NOZZLES				
Crevice nozzles				
Crevice nozzle 25 mm × 120 mm DN50	29	9.981-465.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 25 mm slot width.	
Crevice nozzle 28 mm × 120 mm DN70	30	9.981-444.0	Electroconductive crevice nozzle made from sheet steel, DN 70, with 30 mm slot width.	
Stainless steel crevice nozzle 22 mm × 220 mm DN50	31	9.988-123.0	Stainless steel crevice nozzle, DN 42, suitable for use with foods.	
Flexible crevice nozzles				
Flexible crevice nozzle silicone 65 mm DN50	32	9.988-403.0	Flexible crevice nozzle made from silicone, DN 50.	
Flexible crevice nozzle 11 mm × 58 mm DN40	33	9.989-681.0	Electroconductive and flexible crevice nozzle, 11 × 58 mm.	
Flexible crevice nozzle 12 mm × 45 mm DN50	34	9.981-424.0	Flexible, electroconductive galvanised crevice nozzle, DN 50, with 13 mm slot width.	
Flexible crevice nozzle 20 mm × 45 mm DN50	35	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 DN50	36	9.988-119.0	Electroconductive rubber nozzle, angled, DN 50, suitable for use with foods.	
Aluminium surface nozzle 150 mm DN50	37	9.989-665.0	Surface nozzle, 150 mm, made from aluminium. DN 50.	
Liquid nozzles				
Liquid nozzle 900 mm DN50	38	9.981-427.0	Bypass nozzle, DN 50, overall length: 1000 mm.	
Borehole nozzles				
Blind hole nozzle DN40	39	9.989-671.0	90° curved blind hole nozzle with 60 mm diameter.	
Blind hose nozzle angled 60° DN40	40	9.989-669.0	90° curved blind hole nozzle with 48 mm diameter. DN 40.	
Blind hose nozzle angled 90° DN40	41	9.989-667.0	90° curved blind hole nozzle with 60 mm diameter. DN 40.	
Blind hose nozzle angled 90° 200 mm extension DN40	42	9.989-670.0	90° curved blind hole nozzle with 48 mm diameter. DN 40.	

 $\blacksquare$  Included in the scope of supply.  $\hfill\square$  Available accessories.

## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0



		Order no.	Description	
BRUSHES				
Standard brushes				
Standard brush 40 mm DN50	43	9.981-432.0	Flat brush nozzle DN 50.	
End brushes				
End brush Ø 82 mm DN50	44	9.989-608.0	Electroconductive end brush with 82 mm diameter. DN 50.	
Surface brushes				
Surface brush 300 mm DN50	45	9.981-912.0	Vacuum brush, 300 mm, with 45° connection, with star screw, horsehair bristles.	
HOSES				
PVC				
Hose PVC DN50 3 m	46	9.989-615.0	Electroconductive PVC hose, DN 50. Temperature-resistant up to 85 $^\circ$ C. Length: 3 m.	
Hose PVC DN50 5 m	47	9.989-616.0	Electroconductive PVC hose, DN 50. Temperature-resistant up to 85 °C. Length: 5 m.	
PVC hose DN50 15 m without connectors	48	9.989-634.0	PVC hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 85 °C. Length: 15 m.	
Hose PVC DN70 3 m	49	9.989-635.0	Electroconductive PVC hose, DN 70. Temperature-resistant up to 85 °C. Length: 3 m.	
Hose PVC DN70 5 m	50	9.989-643.0	PVC hose, DN 70. Temperature-resistant up to 85 °C and electroconductive. Length: 5 m.	
PVC hose DN70 15 m without connectors	51	9.989-636.0	PVC hose without tap adapter, DN 70. Electroconductive and temperature-resistant up to 85 °C. Length: 15 m.	
EVA hoses				
Hose EVA NW50 3 m	52	9.988-090.0	Electroconductive hose with NW50. Suitable for temperatures up to 65°C. Length: 3 m.	
Hose EVA NW50 5 m	53	9.988-091.0		
EVA hose DN50 15 m without connectors	54	9.989-631.0	EVA hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 65 $^\circ \text{C}.$ Length: 15 m.	
Hose EVA DN70 3 m	55	9.989-613.0	Electroconductive EVA hose, DN 70. Temperature-resistant up to 65 °C. Length: 3 m.	
Hose EVA DN70 5 m	56	9.989-624.0	Electroconductive EVA hose, DN 70. Temperature-resistant up to 65 °C. Length: 5 m.	

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		Order no.	Description	
HOSES				
EVA hoses				
EVA hose DN70 15 m without connectors	57	9.989-632.0	EVA hose without tap adapter, DN 70. Electroconductive and temperature-resistant up to 65 $^\circ\text{C}.$ Length: 15 m.	
Hose installation sets				
Hose installation kit DN50	58	9.989-628.0	Multipiece hose connection kit, DN 50.	
Hose installation kit DN70	59	9.989-629.0	Multipiece hose connection kit, DN 70.	
PU hoses		1		
Hose PU DN50 3 m	60	9.989-619.0	Oil-resistant, electroconductive PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 80 $^\circ$ C. Length: 3 m.	
Hose PU DN50 5 m	61	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	62	9.989-638.0	PU hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 80 °C. Length: 15 m.	
Hose PU DN70 3 m	63	9.989-644.0	Oil-resistant, electroconductive PU hose, DN 70. Temperature-resistant up to 80 °C, suitable for abrasive suction media. Length: 3 m.	
Hose PU DN70 5 m	64	9.989-645.0	Oil-resistant, electroconductive PU hose, DN 70. Temperature-resistant up to 80 °C, suitable for abrasive suction media. Length: 5 m.	
PU hose DN70 15 m without connectors	65	9.989-639.0	PU hose without tap adapter, DN 70. Electroconductive and temperature-resistant up to 85 °C. Length: 15 m.	
ME-PU-hoses				
Hose ME-PU DN50 3 m	66	9.989-623.0	Electroconductive, oil-resistant ME-PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 $^\circ$ C. Length: 3 m.	
Hose ME-PU DN50 5 m	67	9.989-625.0	Electroconductive, oil-resistant ME-PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 $^\circ$ C. Length: 5 m.	
ME-PU hose DN50 15 m without connectors	68	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.	
Hose ME-PU DN70 3 m	69	9.989-646.0	Oil-resistant, electroconductive ME-PU hose, DN 70. Temperature-resistant up to 110 °C, suitable for abrasive suction media. Length: 3 m.	
Hose ME-PU DN70 5 m	70	9.989-648.0	Oil-resistant, electroconductive ME-PU hose, DN 70. Temperature-resistant up to 110 °C, suitable for abrasive suction media. Length: 5 m.	

## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0













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		Order no.	Description	
HOSES				
ME-PU-hoses				
ME-PU hose DN70 15 m without connectors	71	9.989-642.0	Electroconductive, oil-resistant ME-PU hose without tap adapter, DN 70. Suitable for abrasive suction media and temperature-resistant up to 110 $^\circ$ C. Length: 15 m.	
HANDLES				
Elbow aluminium 45° DN40	72	9.989-544.0	45° curved handle made from aluminium, DN 40.	
Elbow aluminium 45° DN50	73	9.989-547.0	Handle with 45° bend. Made from aluminium, DN 50.	
Handle DN 50	74	9.977-678.0	Electroconductive and 45° curved handle made from stainless steel. Inner cone DN 50.	
Handle DN 70	75	9.977-677.0		
Stainless steel handle NW50	76	9.988-111.0	Curved and electroconductive handle made from stainless steel. Angle 45°, inner cone NW 50.	
SUCTION TUBES				
Carbon suction tube 1500 mm DN40	77	9.989-552.0	Very light carbon extension tube, electroconductive, DN 40. Length: 1500 mm.	
Carbon suction tube 1500 mm DN50	78	9.989-553.0	Electroconductive, very light carbon extension tube. Inner cone DN 50, 1500 mm long.	
Suction tube 850 mm DN 40	79	9.977-531.0	850 mm long extension tube made from steel. Electroconductive and with inner cone DN 50.	
Suction tube 850 mm DN 70	80	9.981-910.0	Electroconductive extension tube, internal cone DN 70, 850 mm total length.	
Aluminium suction tube 1500 mm NW40	81	9.989-038.0	Aluminium extension tube, electroconductive, NW 40. Length: 1500 mm.	
Aluminium suction tube 1500 mm NW50	82	9.989-035.0	Electrically conductive suction tube (1500 mm) made of aluminium with 50 mm diameter.	
Stainless steel suction tube 850 mm NW40	83	9.989-039.0	Stainless steel extension tube, electroconductive, NW 40. Length: 850 mm.	
Stainless steel suction tube 850 mm NW50	84	9.988-114.0	Electroconductive extension tube made from stainless steel. Inner cone NW 50.	

## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0

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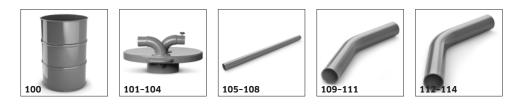
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		Order no.	Description	
ADAPTERS / REDUCERS / DISTRIBUTORS				
Accessories adapter				
Adapter accessories DN 50 to DN 51	85	9.989-603.0	Steel adapter for connection of DN 50 to DN 51. Electroconductive.	
Adapter accessories DN 51 to DN 50	86	9.989-601.0	Steel adapter for connection of DN 51 to DN 50. Electroconductive.	
Adapter accessories DN50 to DN61	87	9.989-602.0	Steel adapter for connection of DN 50 to DN 61. Electroconductive.	
Adapter accessories DN 61 to DN 50	88	9.989-604.0	Steel adapter for connection of DN 61 to DN 50. Electroconductive.	
Reducers/expanders				
Reduction DN70 to DN50	89	9.977-772.0		
Reduction DN70 to DN40	90	9.989-690.0	Electroconductive steel reducer for reduction from DN 70 to DN 40.	
Reduction DN50 to DN40	91	9.981-231.0	Reducer from DN 50 to DN 40. Material: Steel. Electroconductive.	
Stainless steel reducer DN 70 to DN 50	92	9.989-712.0		
Stainless steel reducer DN 70 to DN 40	93	9.989-713.0		
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 DN70 to DN50	95	9.989-611.0	Electroconductive steel fitting, DN 70/DN 50 / DN 50.	
FILTERS				
Surface filter				
Surface filter PE L 0.45 m <sup>2</sup>	96	9.980-180.0	Flat filter for dust class L with 470 mm diameter. Electroconductive and 0.45 m <sup>2</sup> filter area.	
PRE-SEPARATORS				
Pre-separator				
Pre-separator Ef solid materials 100   DN70	97	9.982-238.0	Mobile pre-separator station with 110 I volume and emptying flap.	
Pre-separator dust 40 I DN40	98	9.989-687.0		

□ Available accessories.

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## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0



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		Order no.	Description	
PRE-SEPARATORS				
Pre-separator				
Pre-separator dust 60 I DN50	99	9.989-688.0		
Pre-separator drum 200 l	100	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	101	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	102	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	103	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	104	9.981-661.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	
ACCESSORIES STATIONARY				
IV pipelines				
IV pipe Ø 42.4 mm	105	9.980-451.0		
IV pipe Ø 60 mm	106	9.980-452.0		
IV pipe Ø 75 mm	107	9.980-453.0		
IV pipe Ø 100 mm	108	9.980-455.0		
IV pipe elbow 30° Ø 60.3 mm	109	9.980-545.0		
IV pipe elbow 30° Ø 76.1 mm	110	9.980-546.0		
IV pipe elbow 30° Ø 101.6 mm	111	9.980-547.0		
IV pipe elbow 45° ø 60.3 mm	112	9.980-548.0		



## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0





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		Order no.	Description	
ACCESSORIES STATIONARY				
IV pipelines				
IV pipe elbow 45° ø 76.1 mm	113	9.980-549.0		
IV pipe elbow 45° ø 101.6 mm	114	9.980-550.0		
IV pipe elbow 60° ø 60.3 mm	115	9.980-551.0		
IV pipe elbow 60° ø 76.1 mm	116	9.980-552.0		
IV pipe elbow 60° ø 60.3 mm	117	9.980-553.0		
IV pipe elbow 90° ø 42.4 mm	118	9.985-373.0	Pipe elbow, hardened, made from coated steel with 2.6 mm wall thickness and 90° bend.	
IV pipe elbow 90° ø 60.3 mm	119	9.980-554.0		
IV pipe elbow 90° ø 76.1 mm	120	9.980-555.0		
IV pipe elbow 90° ø 101.6 mm	121	9.980-556.0		
IV pipe reduction Ø 120 mm to 100 mm	122	9.981-335.0	Reducer, painted, made from steel with 2 mm wall thickness. For reduction from 120 to 100 mm diameter. Length: 350 mm.	
IV pipe reduction Ø 120 mm to 60 mm	123	9.981-337.0	Reducer, painted, made from steel with 2 mm wall thickness. For reduction from DN 120 to DN 70. Length: 350 mm.	
IV pipe reduction Ø 100 mm to 75 mm	124	9.981-334.0	Steel reducer with 2 mm wall thickness for reduction from 100 to 75 mm diameter. Length: 350 mm.	
IV pipe reduction Ø 100 mm to 60 mm	125	9.981-336.0	Steel reducer with 2 mm wall thickness for reduction from 100 to 60 mm diameter. Length: 350 mm.	
IV pipe reduction Ø 80 mm to 75 mm	126	9.980-494.0		

## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0



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		Order no.	Description	
ACCESSORIES STATIONARY				
IV pipelines				
IV pipe reduction Ø 80 mm to 60 mm	127	9.980-493.0		
IV pipe reduction Ø 75 mm to 60 mm	128	9.981-333.0	Reducer, painted, made from steel with 2 mm wall thickness. For reduction from 75 to 60 mm diameter. Length: 350 mm.	
IV pipe reduction Ø 60 mm to 42.2 mm	129	9.981-228.0		
IV pipe manifold 30° branch Ø 120 mm to 100 mm	130	9.981-129.0		
IV pipe manifold 30° branch Ø 120 mm to 75 mm	131	9.981-127.0		
IV pipe manifold 30° branch Ø 100 mm to 75 mm	132	9.981-126.0		
IV pipe manifold 30° branch Ø 100 mm to 60 mm	133	9.981-124.0		
IV pipe manifold 30° branch Ø 75 mm to 60 mm	134	9.981-123.0		
IV pipe manifold 30° branch Ø 60 mm to 42.4 mm	135	9.981-258.0	Pipe branch, 600 mm long, made from steel with 30° bend and 2 mm wall thickness. Diameter: 60/60/42.4 mm.	
IV pipe manifold 30° branch Ø 120 mm	136	9.981-130.0		
IV pipe manifold 30° branch Ø 100 mm	137	9.981-128.0		
IV pipe manifold 30° branch Ø 75 mm	138	9.981-125.0		
IV pipe manifold 30° branch Ø 60 mm	139	9.981-122.0		
IV pipe manifold 30° branch Ø 42.4 mm	140	9.981-259.0	Pipe branch, 600 mm long, made from steel with 30° bend and 2 mm wall thickness. Diameter: 42.4/42.4/42.4 mm.	

## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0







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		Order no.
ACCESSORIES STATIONARY		-
IV pipelines		
IV pipe manifold Y-piece Ø 120 mm to 100 mm	141	9.981-135.0
IV pipe manifold Y-piece Ø 100 mm to 75 mm	142	9.981-134.0
IV pipe manifold Y-piece Ø 80 mm to 60 mm	143	9.981-133.0
IV pipe manifold Y-piece Ø 75 mm to 60 mm	144	9.981-132.0
IV pipe manifold Y-piece Ø 60 mm to 42 mm	145	9.981-131.0
IV pipe connectors/fastenings		
IV pipe coupling Ø 42.4 mm	146	9.980-445.0
IV pipe coupling Ø 60 mm	147	9.980-446.0
IV pipe coupling Ø 75 mm	148	9.980-447.0
IV pipe coupling Ø 100 mm	149	9.980-449.0
IV pipe clamp Ø 41 - 44 mm	150	9.980-463.0
IV pipe clamp Ø 60 - 63 mm	151	9.980-464.0
IV pipe clamp Ø 74 - 78 mm	152	9.980-465.0
IV pipe clamp Ø 99 - 103 mm	153	9.980-466.0
IV pipe clamp Ø 116 - 120 mm	154	9.980-467.0

## **ACCESSORIES FOR IVR 50/30 SC** 9.989-411.0







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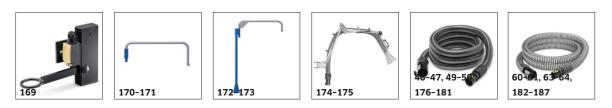






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		Description	
155	9.981-118.0		
156	9.981-256.0		
157	9.981-166.0		
158	9.981-170.0		Ε
) 159	9.981-257.0	Steel adapter with 2 mm wall thickness. For connecting pipe and hose, DN 40, to diameter 42.4 $\times$ 2.0 mm.	
160	9.981-332.0	Steel reducer with 2 mm wall thickness. End piece with external cone DN 50 to diameter $60.0 \times 2.0$ mm.	) [
161	9.981-195.0		C
162	9.981-454.0	Elastic nozzle DN 40 for jet cookers.	
163	9.981-455.0	Elastic nozzle DN 50 for jet cookers.	C
164	9.981-436.0	Steel brush nozzle with 2.6 mm wall thickness for jet cookers, DN 40.	
165	9.981-520.0	For mounting intended nozzle holders made from steel to a wall. Suitable for nozzles with DN 40, DN 50 and DN 70.	
166	9.982-111.0	Jet cookers with sensor, for wall mounting. Suitable for nozzles DN 40, DN 50 and DN 70.	C
167	9.982-083.0	Hose holder with limit switch for fastening to pipelines with 60 mm diameter.	
168	9.982-092.0	Hose holder with limit switch for fastening to pipelines with 75 mm diameter.	[
(	<ul> <li>156</li> <li>157</li> <li>158</li> <li>159</li> <li>160</li> <li>161</li> <li>162</li> <li>163</li> <li>164</li> <li>165</li> <li>166</li> <li>167</li> </ul>	Image: Network         Image: Network           0         157         9.981-166.0           0         158         9.981-170.0           0         158         9.981-257.0           160         9.981-332.0         9.981-332.0           161         9.981-195.0           162         9.981-455.0           163         9.981-455.0           164         9.981-455.0           165         9.981-520.0           166         9.982-111.0           166         9.982-083.0	156         9.981-256.0           0         157         9.981-166.0           0         158         9.981-166.0           0         158         9.981-170.0           0         159         9.981-257.0         Steel adapter with 2 mm wall thickness. For connecting pipe and hose, DN 40, to diameter 42.4 × 2.0 mm.           160         9.981-332.0         Steel reducer with 2 mm wall thickness. End piece with external cone DN 50 to diameter 60.0 × 2.0 mm.           161         9.981-195.0         Intervention of the external cone DN 50 to diameter 60.0 × 2.0 mm.           161         9.981-455.0         Elastic nozzle DN 40 for jet cookers. End piece with external cone DN 50 to diameter 60.0 × 2.0 mm.           162         9.981-455.0         Elastic nozzle DN 40 for jet cookers.           163         9.981-455.0         Elastic nozzle DN 50 for jet cookers.           164         9.981-455.0         Elastic nozzle DN 50 for jet cookers.           164         9.981-456.0         Steel brush nozzle with 2.6 mm wall thickness for jet cookers, DN 40.           165         9.981-520.0         For mounting intended nozzle holders made from steel to a wall. Suitable for nozzles with DN 40, DN 50 and DN 70.           164         9.982-111.0         Jet cookers with sensor, for wall mounting. Suitable for nozzles DN 40, DN 50 and DN 70.           165         9.982-083.0         H

## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0



		Order no.	Description	
ACCESSORIES STATIONARY				
Suction point accessories				
Suction point hose hanger with limit switch	169	9.982-093.0	Hose holder with limit switch for wall mounting.	
Suction point suction arm DN50 without hose	170	9.981-776.0	Swivel arm DN 50 with relevant wall mounting. Arm length: 2 m.	
Suction point suction arm DN70 without hose	171	9.981-775.0	Swivel arm DN 70 with relevant wall mounting. Arm length: 2 m.	
Suction point suction arm DN50 without hose	172	9.981-781.0	Swivel arm DN 50 with floor support (100 × 100 mm), arm length: 2 m.	
Suction point suction arm DN70 without hose	173	9.981-780.0	Swivel arm DN 70 with floor support (100 × 100 mm), arm length: 2 m.	
Suction point suction arm DN70	174	9.981-920.0	Suction arm DN 70 to DN 100, arm length: 2.5 m.	
Suction point suction arm DN100	175	9.983-121.0	Suction arm DN 100, arm length: 2.5 m. Suction head with 150 mm diameter.	
Suction point PVC hose DN40 3m	176	9.989-701.0		
Suction point PVC hose DN40 5m	177	9.989-702.0		
Suction point PVC hose DN50 3m	178	9.989-693.0		
Suction point PVC hose DN50 5m	179	9.989-694.0		
Suction point PVC hose DN70 3m	180	9.989-703.0		
Suction point PVC hose DN70 5m	181	9.989-704.0		
Suction point PU hose DN40 3m	182	9.989-705.0		

## ACCESSORIES FOR IVR 50/30 SC 9.989-411.0



	Order no.	Description	
183	9.989-706.0		
184	9.989-695.0		
185	9.989-696.0		
186	9.989-707.0		
187	9.989-708.0		
188	9.989-697.0		
189	9.989-698.0		
190	9.989-699.0		
191	9.989-700.0		
192	9.989-654.0	Rotatable hose end, DN 40, electrically conductive.	
193	9.989-653.0	Rotatable hose end, DN 50, electroconductive.	
194	9.989-652.0	Rotatable hose end, DN 70, electroconductive.	
195	9.981-142.0	Steel hose connection piece with 2 mm wall thickness and DN 40 external cone.	
196	9.980-472.0		
	184 185 186 187 188 189 190 191 192 193 194 195	183         9.989-706.0           184         9.989-695.0           185         9.989-696.0           186         9.989-707.0           187         9.989-708.0           188         9.989-697.0           189         9.989-697.0           180         9.989-697.0           190         9.989-699.0           191         9.989-694.0           192         9.989-695.0           193         9.989-652.0           194         9.989-652.0           195         9.981-142.0	183       9.989-706.0         184       9.989-695.0         185       9.989-696.0         186       9.989-707.0         187       9.989-708.0         188       9.989-697.0         189       9.989-697.0         189       9.989-697.0         189       9.989-697.0         190       9.989-697.0         191       9.989-699.0         192       9.989-652.0         Rotatable hose end, DN 40, electrically conductive.         193       9.989-652.0         Rotatable hose end, DN 50, electroconductive.         194       9.989-652.0         Rotatable hose end, DN 70, electroconductive.         195       9.981-142.0         Steel hose connection piece with 2 mm wall thickness and DN 40 external cone.