Product leaflet

BenchTop Extraction Arm FX2 75 Original

Efficient, low-noise, and flexible extraction arms. FX2 original is a robust and reliable all-round arm for general use where there's minimal risk of electrical discharge or chemical exposure.

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BenchTop Extraction Arm FX2 75 Original

- Efficiently optimises the capture zone and removes contaminants at the source
- Low noise levels for a safe and quiet workspace
- Various lengths and mounting options for flexibility
- The lean, smooth and aesthetic design allows arms to fit in well in any environment without compromising its durability and reliability
- Adapts to business needs for optimal workspace

Nederman FX2 arms are made of lightweight anodized aluminium sections, with three adjustable, composite friction joints. Offering strength and durability combined with easy handling, they can be used in many types of environment. They are especially suitable for applications where small, flexible and easy-to-use arms are required.
A robust and reliable all-round arm for general applications where there is little risk of electrical discharges or attack by aggressive chemicals.

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BenchTop Extraction Arm FX2 75 Original

Certifications	CE
Noise level (dB(A))	58 dB(A) at 240 m3/h
Installation	Indoor
Material	Tubes in anodizied aluminium. Joints in PP plastic. Duct connectors in EPDM rubber. Minihood in PP plastic.
Fume temperature	max 158 °F (70 °C)
Extraction arm diameter (mm)	75
Airflow (m³/h)	110-240
Category type	Original

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Models

	Item no	Arm length (m)	Weight (kg)	Ventilation type	Mounting type
	70602344	1,1	3,2	Up	Surface Edge, Floor, Ceiling, Wall, On top of horizontal surface
	70602444	1,1	4,5	Up	Ceiling, Wall
	70602544	1,1	3,2	Down	Surface Edge, Floor, Wall, On top of horizontal surface
	70602644	1,1	2,6	Down	Bench Through
	70602744	1,5	3,4	Up	Surface Edge, Floor, Ceiling, Wall, On top of horizontal surface
	70602844	1,5	4,7	Up	Ceiling, Wall
	70602944	1,5	3,4	Down	Surface Edge, Floor, Wall, On top of horizontal surface
	70603044	1,5	2,8	Down	Bench Through

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Accessories

	Accessory	Item no
	FX-Bracket kit-D50/75/100-L190	70501144
	FX2-Bracket kit-D50/75/100-L500.	70377042
	FX2-Wall Bracket kit-Flat-L190-White	70377043
	FX2-Wall-P Bracket kit-D50/75/100-L190	70377046
	FX2-Bench bracket kit-D50/75/100	70501444
	FX-Classic bracket-D50/75/100	70501244
	FX-Cut2fit extension-L1100	70501344
	FX-Cut2fit extension-L2200.	70374600
	FX-Ceiling cover plate	70502644
	FX2-Ceiling cover plate-PLUS,	70377045
	FX-Combi hood-ORIGINAL-D50/75/100.	70500144
	FX-Dome hood-ORIGINAL-D50/75/100. Transparent dome hood, made of PET-G plastic, is designed to capture high dispersion contaminants. It can be attached directly on minihood, irrespective of arm size. The ergonomics of handle design on both sides of the hood make it easier to maneuver.	70376982
	FX-Metal hood-ORIG/CHEM-D50/75/100.	70500444

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Accessories

	Accessory	Item no
	FX-Flange hood-ORIGINAL-D50/75/100	70502844
	FX2-Al duct-L1000-D75/100toD100	70377058
	FX2-Al duct-L2000-D75/100toD100	70377059
	FX-Hose-D75-L3000-Grey	70377098
	FX-Hose-D100-L3000-Grey	70377099
	FX2-Hose support ring-D75	70377067
	FX2-Hose support ring-D100	70377068
	FX2-Duct connector-ORIG/CHEM-D75.	70377038
	FX Extended Bracket Kit	70377452

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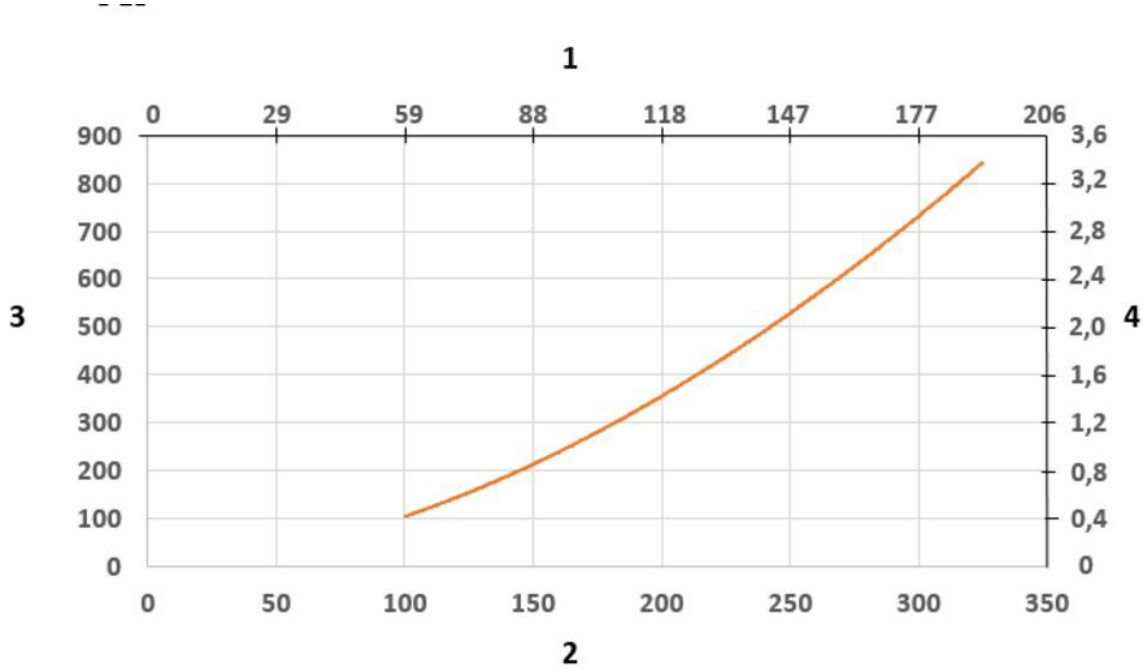
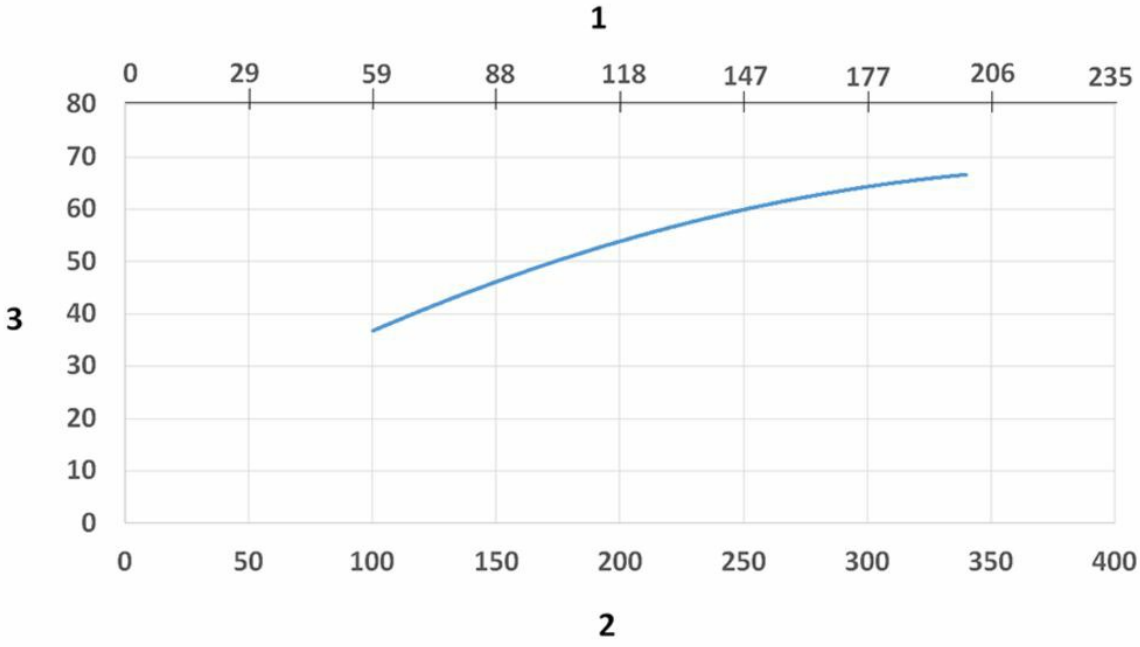


Pressure Drop diagram: 1) X- Axis: Air Flow Rate (cfm) 2) X- Axis: Air Flow Rate (m³/h) 3) Y-Axis: Static Pressure Drop (Pa) 4) Y-Axis: Static Pressure Drop (in. wg.)



Sound Level diagram: 1) X- Axis: Air Flow Rate (cfm) 2) X- Axis: Air Flow Rate (m³/h) 3) Y-Axis: Sound Pressure Level (dB) (A))

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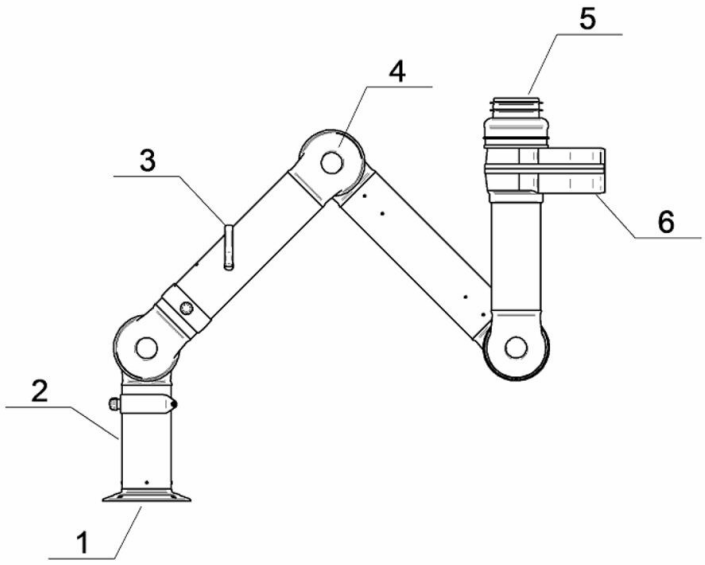
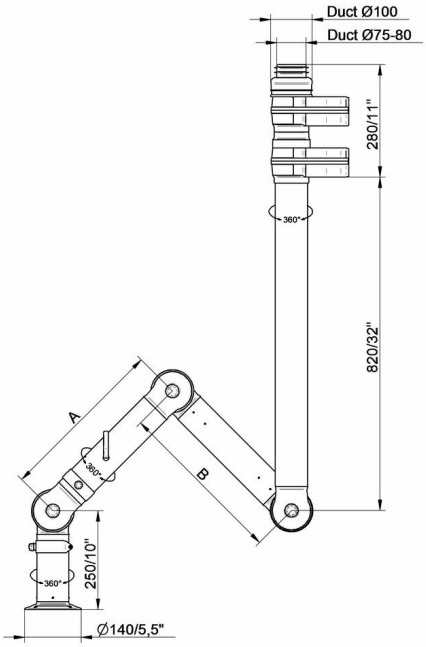


Material: 1) Flange: PP 2) Tubes: Aluminum, anodized 10 µm 3) Damper adjustment handle: Aluminum, anodized 10 µm Internal spring: Staineless steel Damper blade: Conductive TP & PP plastic 4) Joints: PP with glass fibre reinforcement Plastic rings: PP with glass fibre reinforcement Axial locking rings: PP with glass fibre reinforcement Adjustment knobs: PA & EDS plastic Threaded shaft inside joints: Stainless Steel 5) Duct connector: EPDM Rubber 6) Swivel: Aluminum, powder coating Rivets: Aluminum Bearings swivel: PP plastic with glass fibre reinforcement



FX2-ORIG-D75-L1100-Up-PLUS Part number: 70602444 Max. working radius: 1090 mm (42,9 in) A: 420 mm (16,5 in) B: 420 mm (16,5 in) • FX2-ORIG-D75-L1500-Up-PLUS Part number: 70602844 Max. working radius: 1450 mm (57,1 in) A: 500 mm (19,7 in) B: 700 mm (27,5 in)

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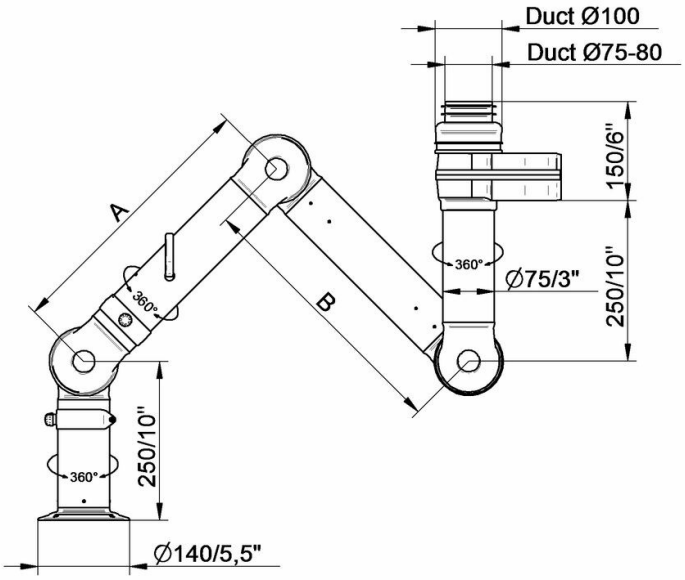
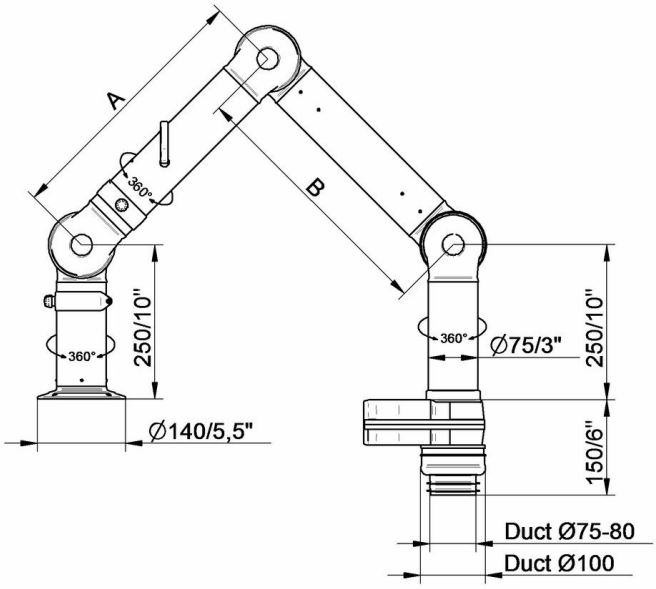


• FX2-ORIG-D75-L1100-Up-Low Part number: 70602344 Max. working radius: 1090 mm (42,9 in) A: 420 mm (16,5 inch) B: 420 mm (16,5 inch) • FX2-ORIG-D75-L1500-Up-Low Part number: 70602744 Max. working radius: 1450 mm (57,1 in) A: 500 mm (19,7 in) B: 700 mm (27,5 in)



• FX2-ORIG-D75-L1100-Down-Low Part number: 70602544 Max. working radius: 1090 mm (42,9 in) A: 420 mm (16,5 in) B: 420 mm (16,5 in) • FX2-ORIG-D75-L1500-Down-Low Part number: 70602944 Max. working radius: 1450 (57,1 in) A: 500 mm (19,7 in) B: 700 mm (27,5 in)

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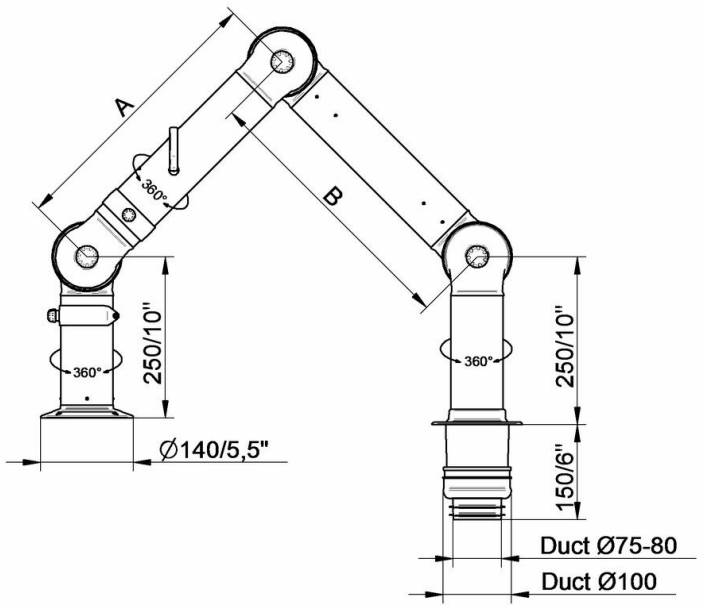
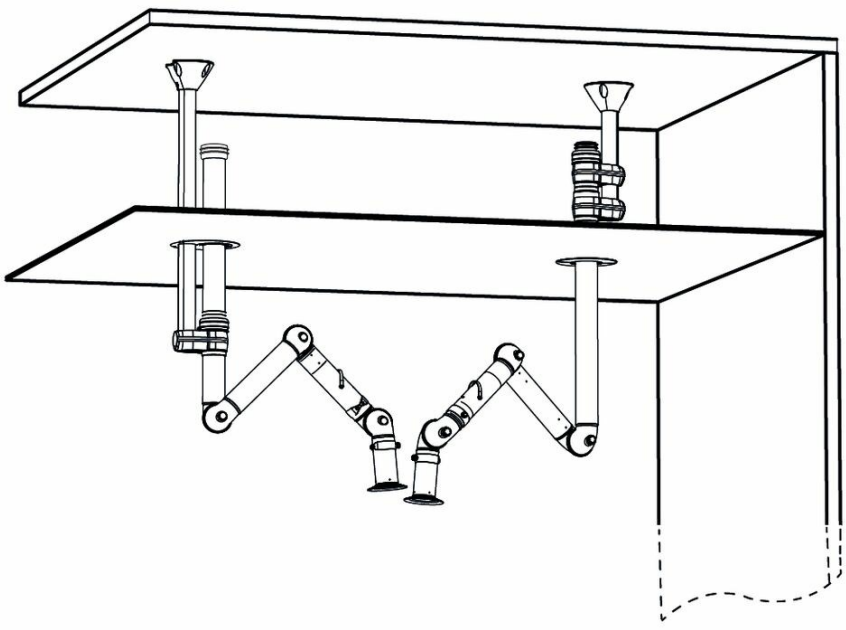


• FX2-ORIG-D75-L1100-Down-Through Part number: 70602644 Max. working radius: 1090 mm (42,9 in) A: 420 mm (16,5 in) B: 420 mm (16,5 in) • FX2-ORIG-D75-L1500-Down-Through Part number: 70603044 Max. working radius: 1450 mm (57,1 in) A: 500 mm (19,7 in) B: 700 mm (27,5 in)



Ceiling mounting example: Left: FX2-Up-Low arm with following accessories: -FX-Classic bracket -FX-Cut2fit extension-L1100 -FX2-Alu duct -FX2-Duct connector-ORIG/CHEM-D100 -FX-Ceiling cover plate Right: FX2-Up-PLUS arm with following accessories: -FX2-Bracket kit-D-50/75/100-L500 -FX2-Ceiling cover plate-PLUS

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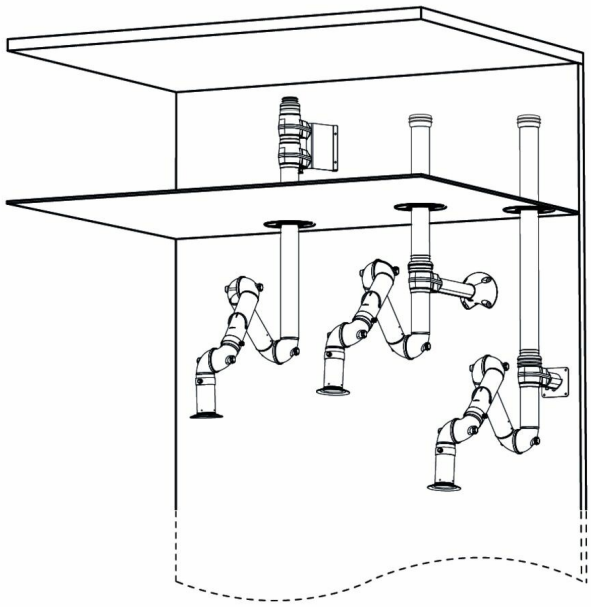
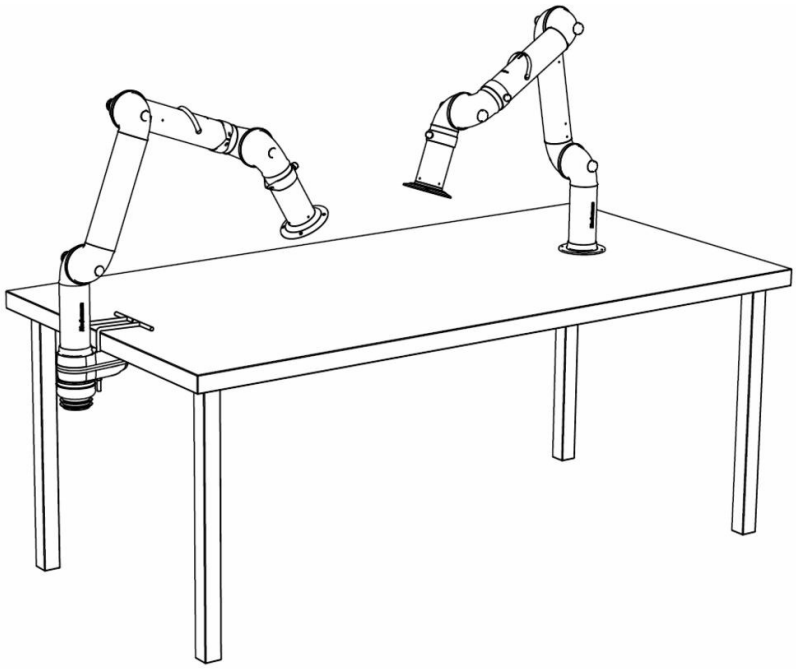


Wall mounting examples: Left: FX2-Up-PLUS arm with following accessories: -FX2-Wall-P BRKT kit-D-50/75/100-L190 -FX2-Ceiling cover plate-PLUS Middle: FX2-Up-Low arm with following accessories: -FX2-Bracket kit-D-50/75/100-L500 -FX2-Ceiling cover plate-PLUS -FX2-Alu duct -FX2-Duct connector-ORIG/CHEM-D100 Right: Up-Low arm with following accessories: -FX2-Wall BRKT kit-Flat-L190-White -FX2-Ceiling cover plate-PLUS -FX2-Alu duct -FX2-Duct connector-ORIG/CHEM-D100



Bench mounting examples: Left: FX2-Down-Low arm with following accessories: -FX2-Bench bracket kit-D-50/75/100 Right: FX2-Down-Through arm

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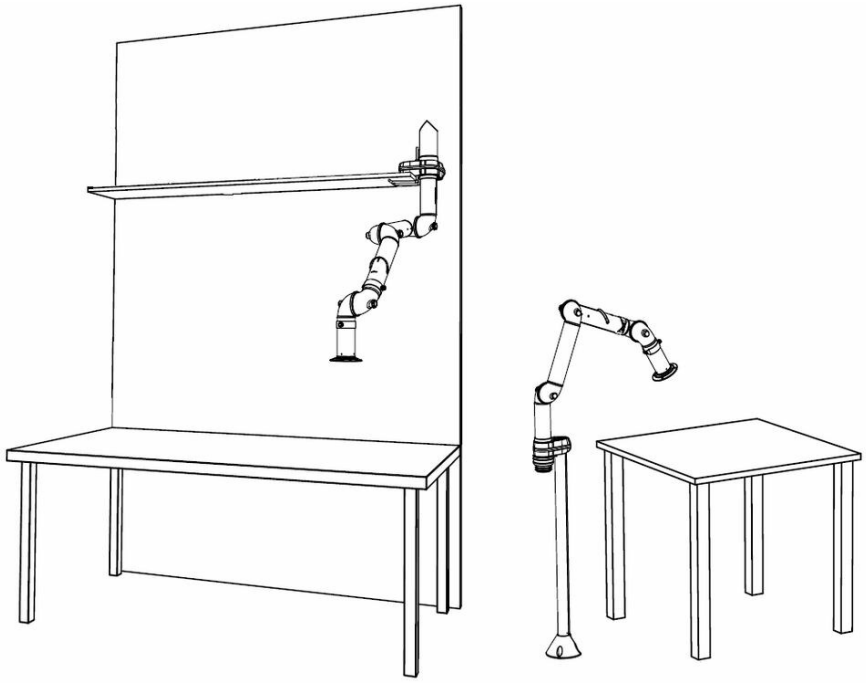

Other mounting examples: Left: Shelf mounting with FX2-Up-Low arm and following accessories: -FX2-Bench bracket kit Right: Floor mounting with FX2-Up-Low arm and following accessories: -FX-Classic bracket -FX-Cut2fit extension-L1100

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