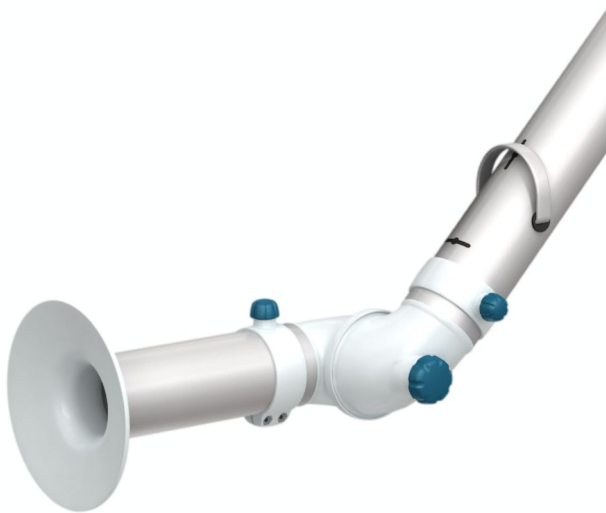


BenchTop Extraction Arm FX2 50 Original

The best and most cost-efficient solution for extraction of hazardous airborne contaminants, in applications where small, flexible and easy-to-use arms are required.



Nederman FX2 arms are made of lightweight anodized aluminium sections, with two or 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.

- Optimal efficiency and low noise provides safe and quiet working environment
- Ceilings, walls and floors or fixed to worktops mountings and cut2fit extension profile gives maximum installation flexibility
- The two outermost arm joints can rotate and swivel through 360°, which gives the unique maneuverability
- The lean, smooth and aesthetic design allows arms to fit in well in any environment without compromising its durability and reliability
- Highly integrated products that save customers' time and costs, as well as providing the reliability and functionality to deliver a better performance




















| | |
|-------------------------------------|---|
| Product name | BenchTop Extraction Arm FX2 50 Original |
| Noise level (dB(A)) | 60 dB(A) at 110 m3/h |
| Installation | [Indoor] |
| Material | Tubes in anodized aluminium. Joints in PP plastic. Duct connectors in EPDM rubber. Minihood in PP plastic. |
| Fume temperature | max 70°C |
| Extraction arm diameter (mm) | 50 |
| Airflow (m³/h) | 50-110 |
| Arm length (m) | |



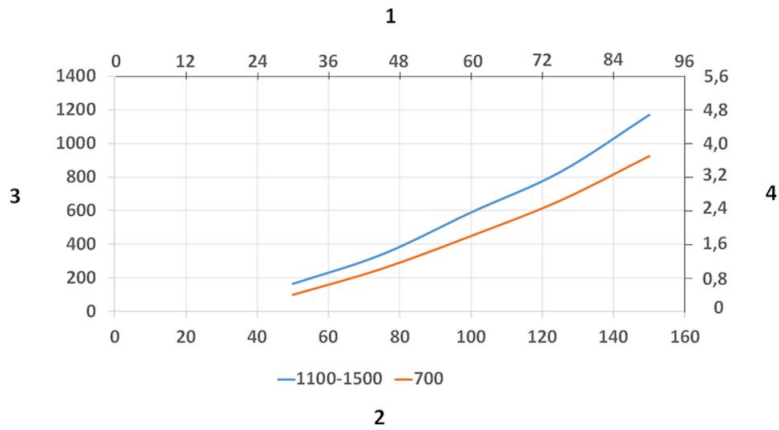
BenchTop Extraction Arm FX2 50 Original

| [image] | Description | Weight (kg) | [model] |
|---|-----------------------------------|-------------|----------|
|  | FX2-ORIGINAL-D50-L700-Up/Down-Low | 1,7 | 70600144 |
|  | FX2-ORIG-D50-L700-Up-PLUS | 2,7 | 70600244 |
|  | FX2-ORIG-D50-L700-Up/Down-Through | 1,2 | 70600344 |
|  | FX2-ORIG-D50-L1100-Up-Low | 2,3 | 70600444 |
|  | FX2-ORIG-D50-L1100-Up-PLUS | 3,3 | 70600544 |
|  | FX2-ORIG-D50-L1100-Down-Low | 2,3 | 70600644 |
|  | FX2-ORIG-D50-L1100-Down-Through | 1,8 | 70600744 |
|  | FX2-ORIG-D50-L1500-Up-Low | 2,6 | 70600844 |
|  | FX2-ORIG-D50-L1500-Up-PLUS | 3,6 | 70600944 |
|  | FX2-ORIG-D50-L1500-Down-Low | 2,6 | 70601044 |
|  | FX2-ORIG-D50-L1500-Down-Through | 2,1 | 70601144 |

BenchTop Extraction Arm FX2 50 Original

| | [accessory] | [partno] |
|---|---|----------|
|  | FX-Bracket kit-D50/75/100-L190 | 70501144 |
|  | FX2-Bracket kit-D50/75/100-L500 | 70377042 |
|  | FX2-Wall BRKT kit-Flat-L190-White | 70377043 |
|  | FX2-Wall-P BRKT kit-D50/75/100-L190 | 70377046 |
|  | FX2-Bench bracket kit-D50/75/100. Complete mounting kit for mounting FX2 50/75/100 arms on the bench edge. | 70501444 |
|  | FX-Classic bracket-D50/75/100. The classic bracket should be used together with Cut2fit extension profile for mounting FX2 50/75/100 arms on the ceiling, wall, floor or on top of other horizontal surface. | 70501244 |
|  | FX-Cut2fit extension-L1100. | 70501344 |
|  | FX-Cut2fit extension-L2200 | 70374600 |
|  | FX-Ceiling cover plate. Cover false/dropped ceiling openings caused by both extension profile and ducting. | 70502644 |
|  | FX2-Ceiling cover plate-PLUS | 70377045 |
|  | FX-Combi hood-ORIGINAL-D50/75/100 | 70500144 |
|  | FX-Dome hood-ORIGINAL-D50/75/100 | 70376982 |
|  | FX-Metal hood-ORIG/CHEM-D50/75/100 | 70500444 |
|  | FX-Flange hood-ORIGINAL-D50/75/100. Transparent flange hood, made of PET-G plastic, is designed to maximize the capture zone without hinder objects on the bench or the user. It can be attached directly on minihood, irrespective of arm size. | 70502844 |
|  | FX2-Duct connector-ORIG/CHEM-D50 | 70377036 |
|  | FX2-AI duct-L1000-D50 to D77 | 70377056 |
|  | FX2-AI duct-L2000-D50 to D77 | 70377057 |
|  | FX-Hose-D75-L3000-Grey | 70377098 |
|  | FX2-Hose support ring-D75 | 70377067 |

BenchTop Extraction Arm FX2 50 Original



Pressure Drop diagram:

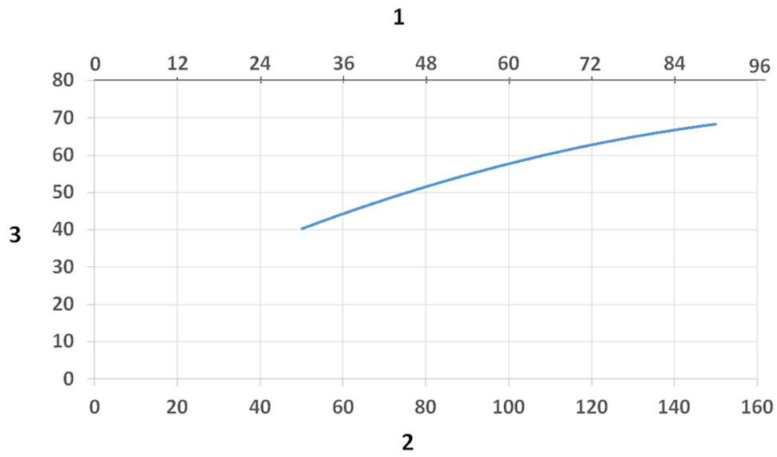
1) X- Axis: Air Flow Rate (cfm)

2) X- Axis: Air Flow Rate (m/h)

3) Y-Axis: Static Pressure Drop (Pa)

4) Y-Axis: Static Pressure Drop (in. wg.)

BenchTop Extraction Arm FX2 50 Original



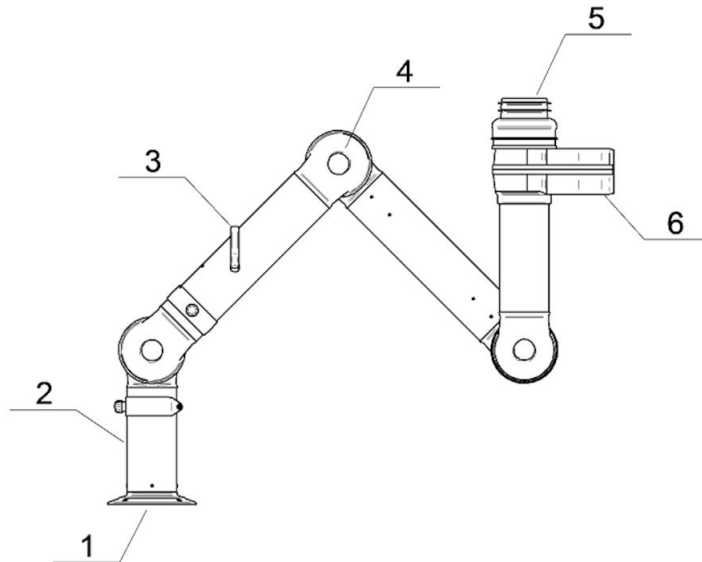
Sound Level diagram:

1) X- Axis: Air Flow Rate (cfm)

2) X- Axis: Air Flow Rate (m/h)

3) Y-Axis: Sound Pressure Level (dB) (A))

BenchTop Extraction Arm FX2 50 Original



Material:

1) Flange: PP

2) Tubes: Aluminum, anodized 10 µm

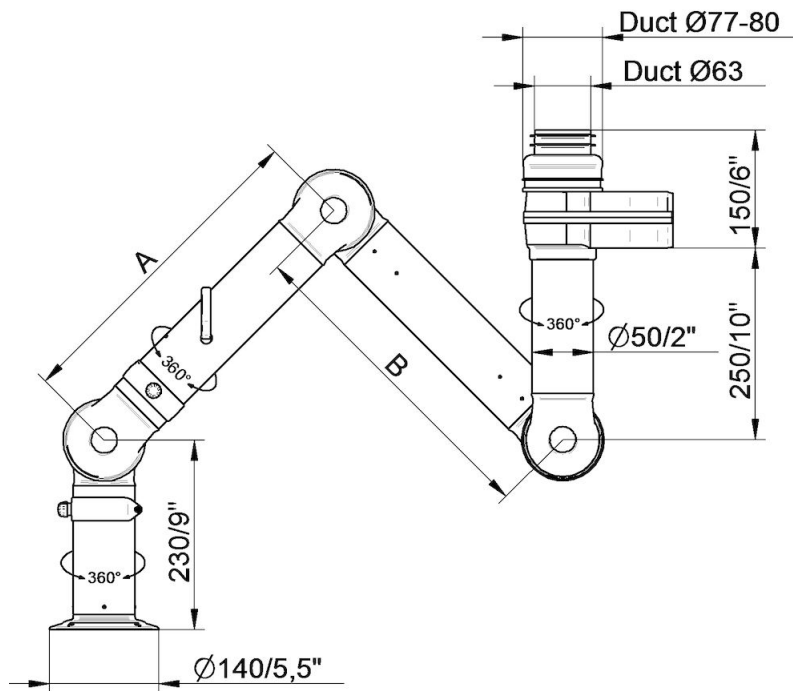
3) Damper adjustment handle: Aluminum, anodized 10 µm
Internal spring: Stainless steel
Damper blade: Conductive TP & PP plastic

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

BenchTop Extraction Arm FX2 50 Original

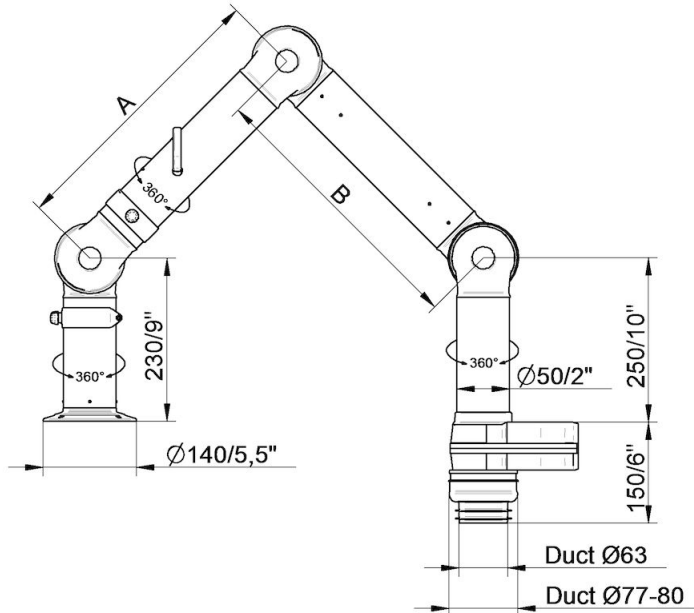


- FX2-ORIG-D50-L700-Up/Down-Low
Part number: 70600144
Max. working radius: 630 mm (24,8 in)
A: 400 mm (15,7 in)

- FX2-ORIG-D50-L1100-Up-Low
Part number: 70600444
Max. working radius: 1030 mm (40,5 in)
A: 400 mm (15,7 in)
B: 400 mm (15,7 in)

- FX2-ORIG-D50-L1500-Up-Low
Part number: 70600844
Max. working radius: 1430 mm (56,3 in)
A: 500 mm (19,7 in)
B: 700 mm (27,6 in)

BenchTop Extraction Arm FX2 50 Original

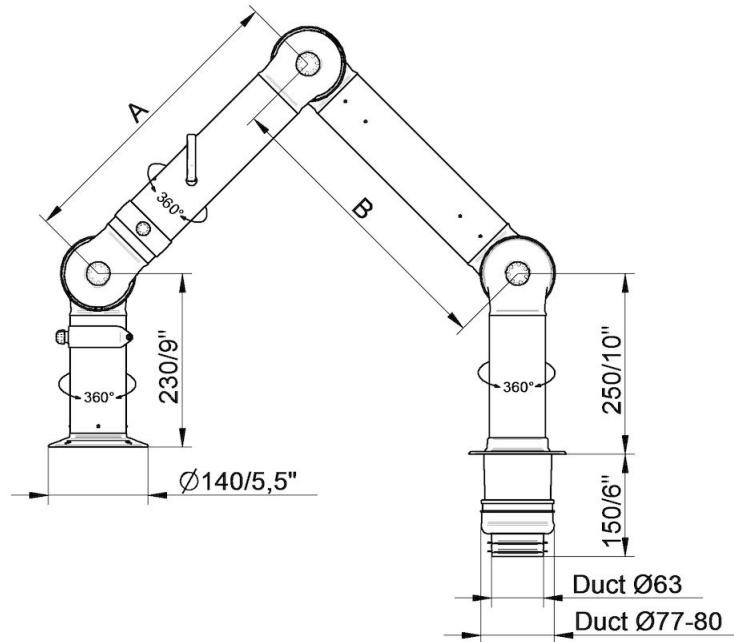


- FX2-ORIG-D50-L700-Up/Down-Low
Part number: 70600144
Max. working radius: 630 mm (24,8 in)
A: 400 mm (15,7 in)

- FX2-ORIG-D50-L1100-Down-Low
Part number: 70600644
Max. working radius: 1030 mm (40,5 in)
A: 400 mm (15,7 in)
B: 400 mm (15,7 in)

- FX2-ORIG-D50-L1500-Down-Low
Part number: 70601044
Max. working radius: 1430 mm (56,3 in)
A: 500 mm (19,7 in)
B: 700 mm (27,6 in)

BenchTop Extraction Arm FX2 50 Original

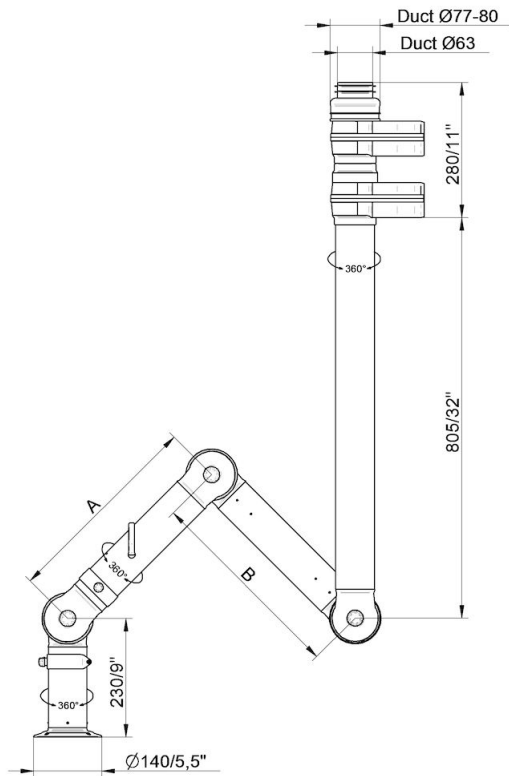


Part number: 70600344
 Max. working radius: 630 mm (24,8 in)
 A: 400 mm (15,7 in)

• FX2-ORIG-D50-L1100-Down-Through
 Part number: 70600744
 Max. working radius: 1030 mm (40,5 in)
 A: 400 mm (15,7 in)
 B: 400 mm (15,7 in)

• FX2-ORIG-D50-L1500-Down-Through
 Part number: 70601144
 Max. working radius: 1430 mm (56,3 in)
 A: 500 mm (19,7 in)
 B: 700 mm (27,6 in)

BenchTop Extraction Arm FX2 50 Original

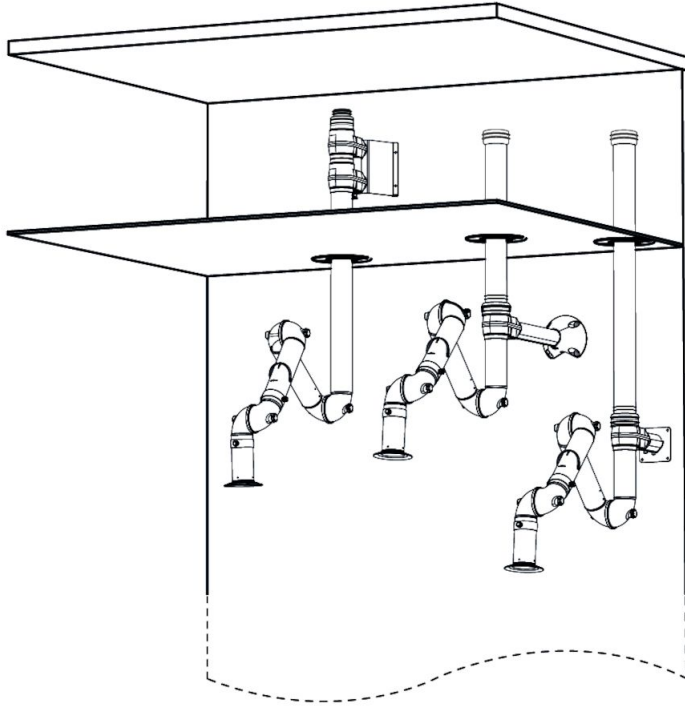


- FX2-ORIG-D50-L700-Up-PLUS
Part number: 70600244
Max. working radius: 630 mm (24,8 inch)
A: 400 mm (15,7 in)

- FX2-ORIG-D50-L1100-Up-PLUS
Part number: 70600544
Max. working radius: 1030 mm (40,5 in)
A: 400 mm (15,75in)
B: 400 mm (15,7 in)

- FX2-ORIG-D50-L1500-Up-PLUS
Part number: 70600944
Max. working radius: 1430 mm (56,3 in)
A: 500 mm (19,7 in)
B: 700 mm (27,6 in)

BenchTop Extraction Arm FX2 50 Original



Wall mounting examples:

Left: FX2-Up-PLUS arm with following accessories:

- FX2-Wall-P BRKT kit-D50/75/100-L190
- FX2-Ceiling cover plate-PLUS

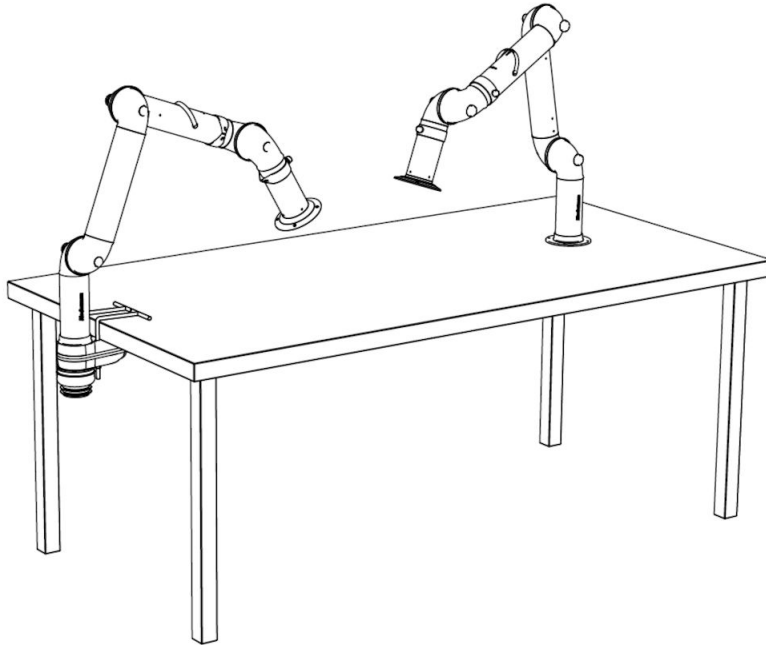
Middle: FX2-Up-Low arm with following accessories:

- FX2-Bracket kit-D50/75/100-L500
- FX2-Ceiling cover plate-PLUS
- FX2-Alu duct
- FX2-Duct connector-ORIG/CHEM-D75

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-D75

BenchTop Extraction Arm FX2 50 Original



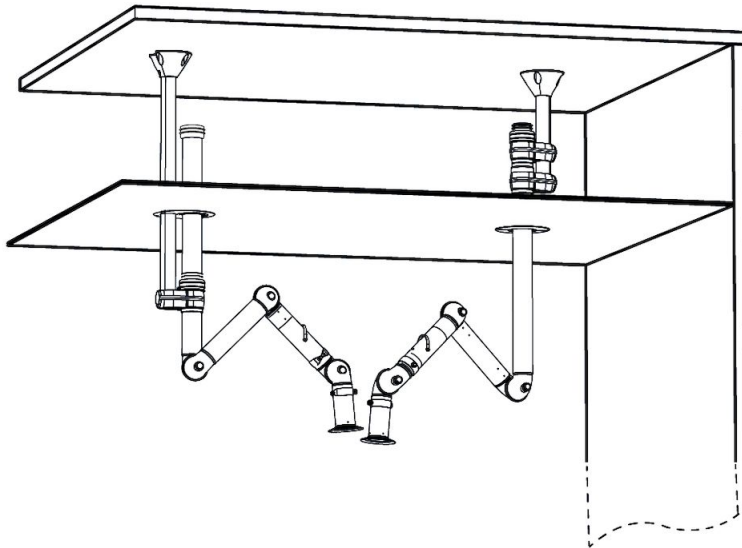
Bench mounting examples:

Left: FX2-Down-Low arm with following accessories:

-FX2-Bench bracket kit-D50/75/100

Right: FX2-Down-Through arm

BenchTop Extraction Arm FX2 50 Original



Ceiling mounting example:

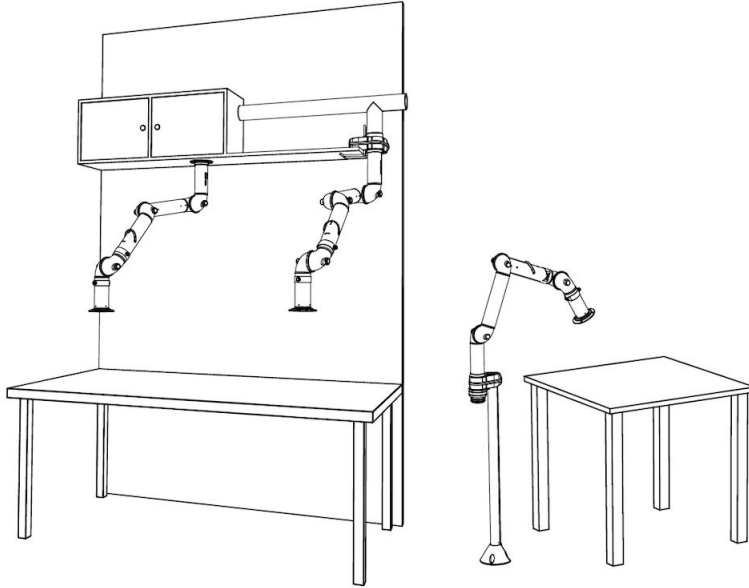
Left: FX2-Up-Low arm with following accessories:

- FX-Classic bracket
- FX-Cut2fit extension-L1100
- FX2-Alu duct
- FX2-Duct connector-ORIG/CHEM-D75
- FX-Ceiling cover plate

Right: FX2-Up-PLUS arm with following accessories:

- FX2-Bracket kit-D50/75/100-L500
- FX2-Ceiling cover plate-PLUS

BenchTop Extraction Arm FX2 50 Original



Other mounting examples:

Left: Over bench cabinet mounting with FX2-Up/Down-Through arm

Middle: 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