

BenchTop Extraction Arm FX2 50 ESD/EX

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.

The arm is designed for use in electronic environments where there is a risk of electrostatic discharges. The ESD/EX can also be used for certain applications in potentially explosive atmospheres.

Recommended for use in zone 1, 2 and 21, 22.

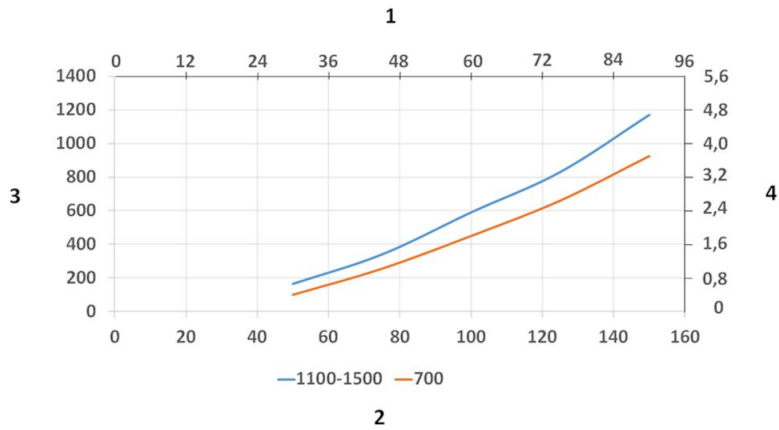
- Optimal efficiency and low noise provides safe and quiet working environment
- Ceilings, walls and floors or fixed to worktops mountings and cut2fit extension profile gives maximum installation flexibility
- The two outermost arm joints can rotate and swivel through 360°, which gives the unique maneuverability
- 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

Nom du produit	BenchTop Extraction Arm FX2 50 ESD/EX
Niveau sonore (dB(A))	60 dB(A) at 110 m ³ /h
Installation	Intérieur
Matériel	Réalisé en profils d'aluminium anodisé joints en conductive PP (polypropène) Raccords de tuyaux en conductive EPDM (caoutchouc)
Température de la fumée	max 70°C
Diamètre du bras d'extraction (mm)	50
Débit (m ³ /h)	50 - 110



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Pressure Drop diagram:

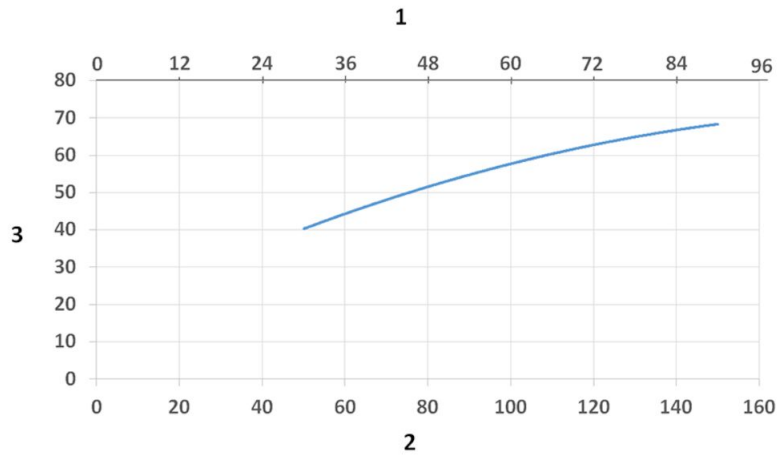
1) X- Axis: Air Flow Rate (cfm)

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

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

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

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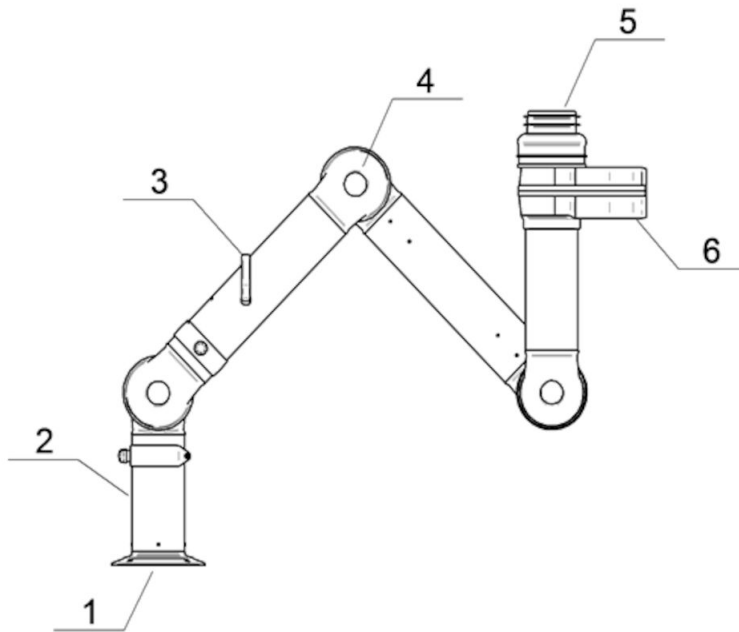
Sound Level diagram:

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

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

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

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Material:

1) Flange: Conductive PP plastic

2) Tubes: Aluminum, anodized 10 µm

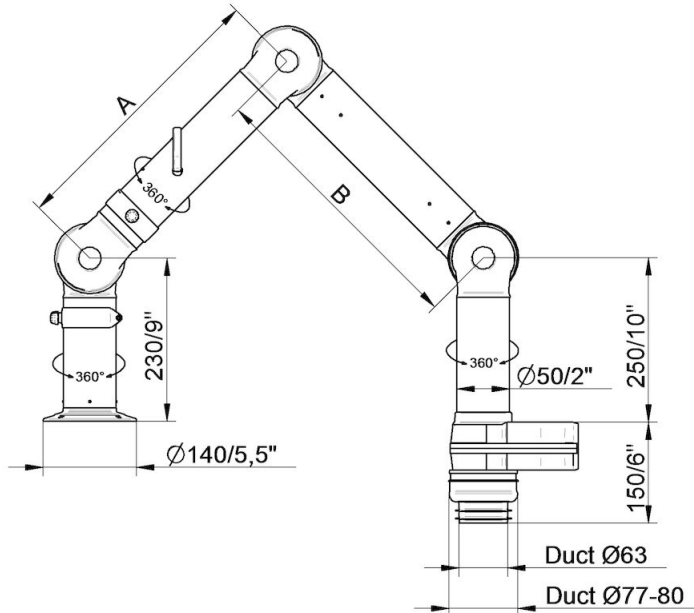
3) Damper adjustment handle: Aluminum: anodized 10 µm
Internal spring: Stainless steel
Damper blade: Conductive TP & PP plastic

4) Joints conductive: PP plastic with glass fibre reinforcement
Plastic rings conductive: PP plastic with glass fibre reinforcement
Axial locking rings conductive: PP plastic with glass fibre reinforcement
Adjustment knobs: PA & EDS plastic
Threaded shaft inside joints: Stainless Steel

5) Duct connector: conductive EPDM Rubber

6) Swivel: Aluminum, conductive powder coating
Rivets: Aluminum
Bearings swivel conductive: PP plastic with glass fibre reinforcement

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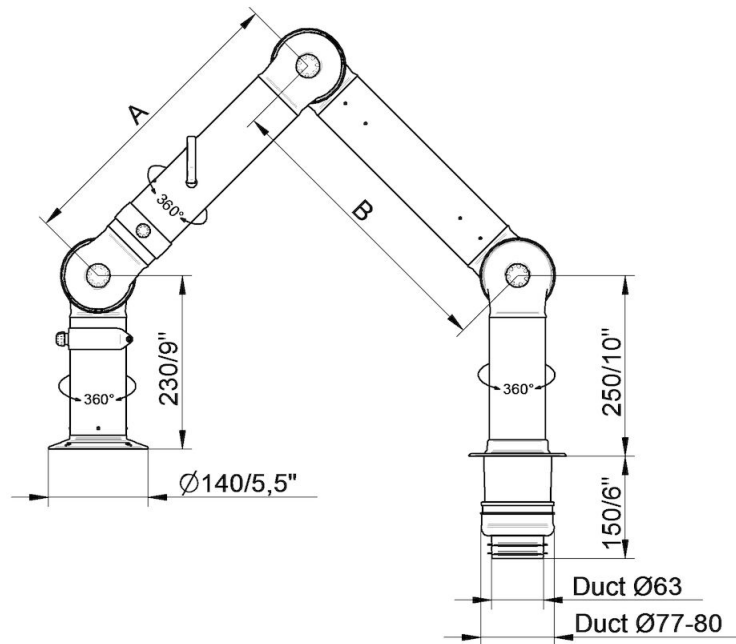


- FX2-ESD/EX-D50-L700-Up/Down-Low
 Numéro de pièce: (70601244)
 Max. rayon d'action: 630 mm (24,8 in)
 A: 400 mm (15,7 in)

- FX2-ESD/EX-D50-L1100-Down-Low
 Numéro de pièce: 70601744
 Max. rayon d'action: 1030 mm (40,5 in)
 A: 400 mm (15,7 in)
 B: 400 mm (15,7 in)

- FX2-ESD/EX-D50-L1500-Down-Low
 Numéro de pièce: 70602144
 Max. rayon d'action: 1430 mm (56,3 in)
 A: 500 mm (19,7 in)
 B: 700 mm (27,6 in)

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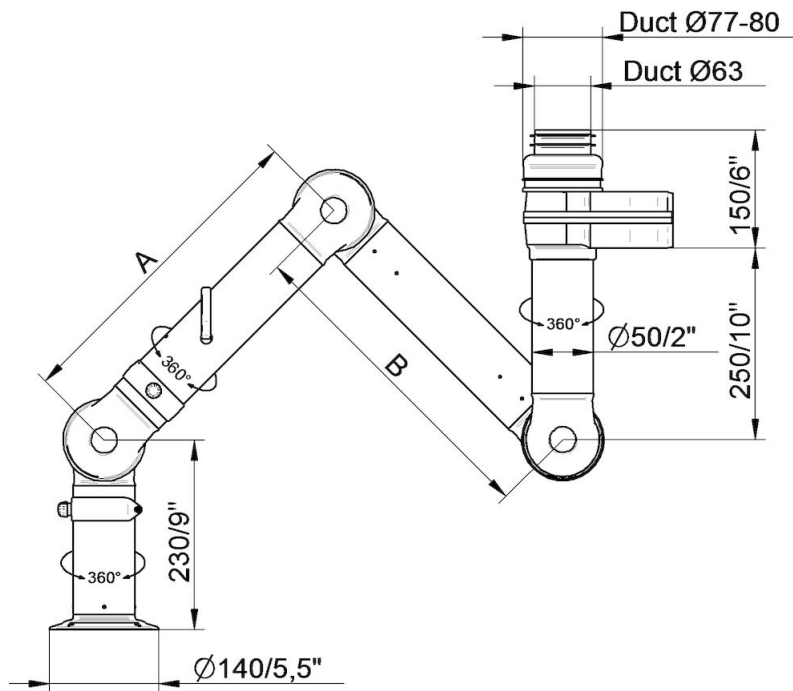


- FX2-ESD/EX-D50-L700-Up/Dow-Through
 Numéro de pièce: 70601444
 Max. rayon d'action: 630 mm (24,8 in)
 A: 400 mm (15,7 in)
 B: -

- FX2-ESD/EX-D50-L1100-Down-Through
 Numéro de pièce: 70601844
 Max. rayon d'action: 1030 mm (40,5 in)
 A: 400 mm (15,7 in)
 B: 400 mm (15,7 in)

- FX2-ESD/EX-D50-L1500-Down-Through
 Numéro de pièce: 70602244
 Max. rayon d'action: 1430 mm (56,3 in)
 A: 500 mm (19,7 in)
 B: 700 mm (27,6 in)

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- FX2-ESD/EX-D50-L700-Up/Down-Low

Numéro de pièce: (70601244)

Max. rayon d'action: 630 mm (24,8 in)

A: 400 mm (15,7 in)

B: -

- FX2-ESD/EX-D50-L1100-Up-Low

Numéro de pièce: 70601544

Max. rayon d'action: 1030 mm (40,5 in)

A: 400 mm (15,7 in)

B: 400 mm (15,7 in)

- FX2-ESD/EX-D50-L1500-Up-Low

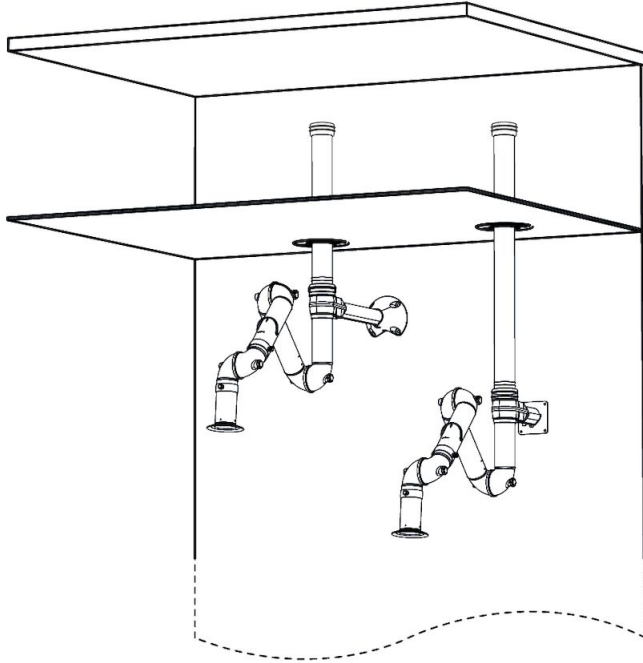
Numéro de pièce: 70601944

Max. rayon d'action: 1430 mm (56,3 in)

A: 500 mm (19,7 in)

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Wall mounting examples:

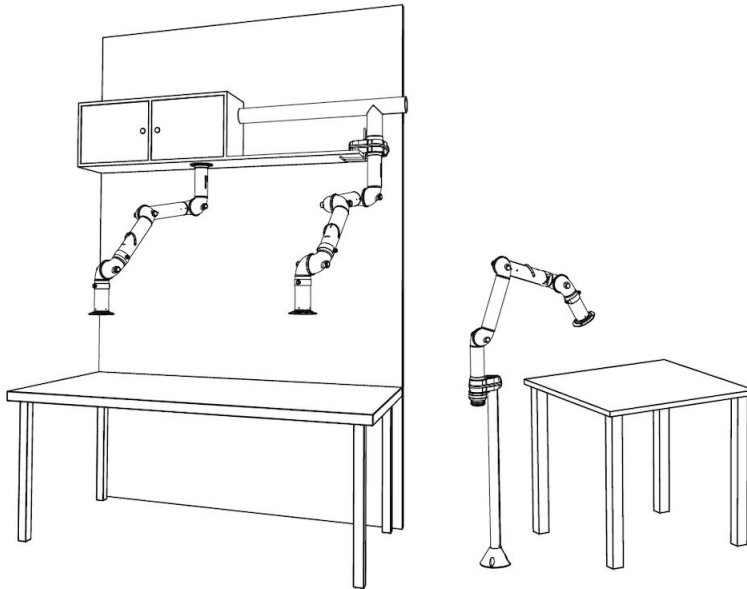
Left: FX2-Up-Low arm with following accessories:

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

Right: Up-Low arm with following accessories:

- FX2-Wall BRKT kit-Flat-L190-Black
- FX2-Ceiling cover plate-PLUS
- FX2-Alu duct
- FX2-Duct connector-ESD/EX-D75

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Other mounting examples:

Left: Overbench 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

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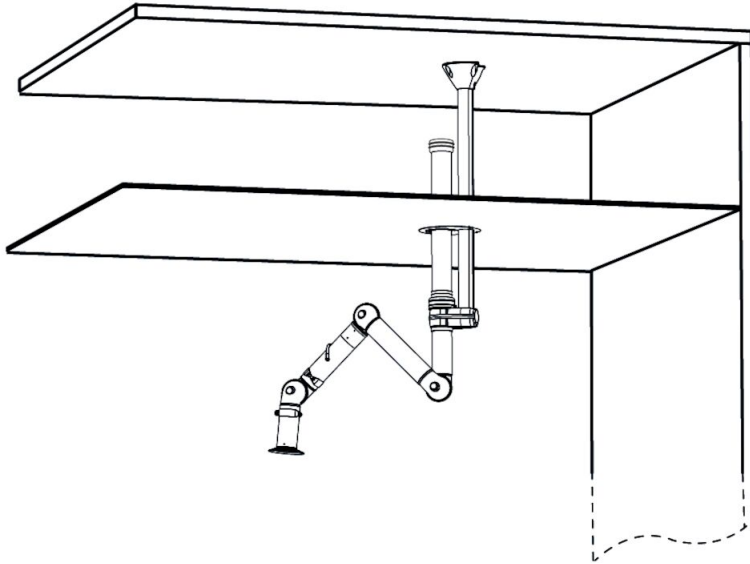
Bench mounting examples:

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

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

Right: FX2-Down-Through arm

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Ceiling mounting example:

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

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