BenchTop Extraction Arm FX2 75 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.
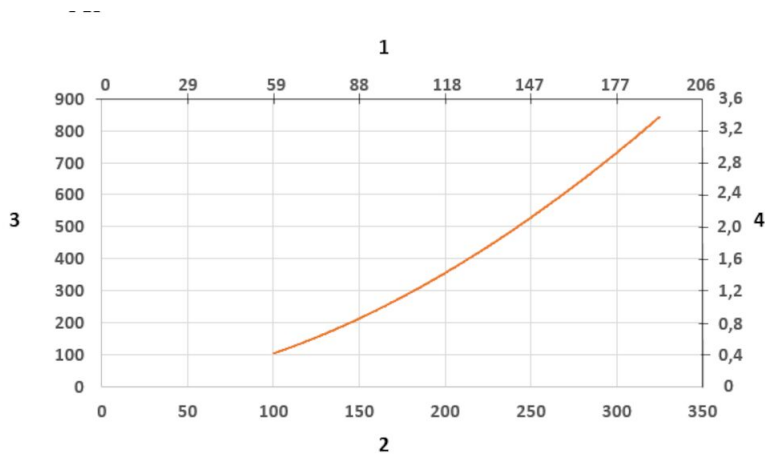
- Optimal efficiency and low noise provides safe and quiet working environment
- Ceilings, walls and floors or fixed to worktops mountings and cut2fit extension profile gives maximum installation flexibility
- The two outermost arm joints can rotate and swivel through 360°, which gives the unique maneuverability
- 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 75 ESD/EX
Niveau sonore (dB(A))	58 dB(A) at 240 m3/h
Installation	Intérieur
Matériel	Réalisé en profiles 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)	75
Débit (m³/h)	110 - 240

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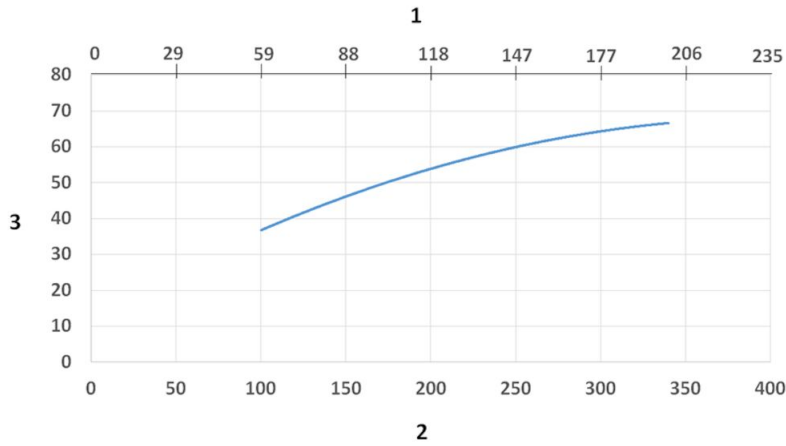# BenchTop Extraction Arm FX2 75 ESD/EX

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.)
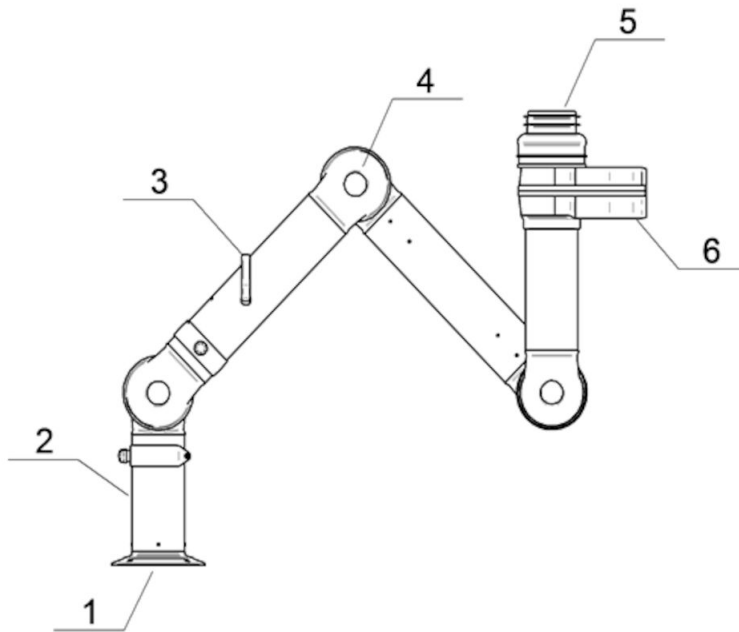
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Sound Level diagram:
1) X- Axis: Air Flow Rate (cfm)
2) X- Axis: Air Flow Rate (m/h)

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

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Material:
1) Flange: Conductive PP plastic

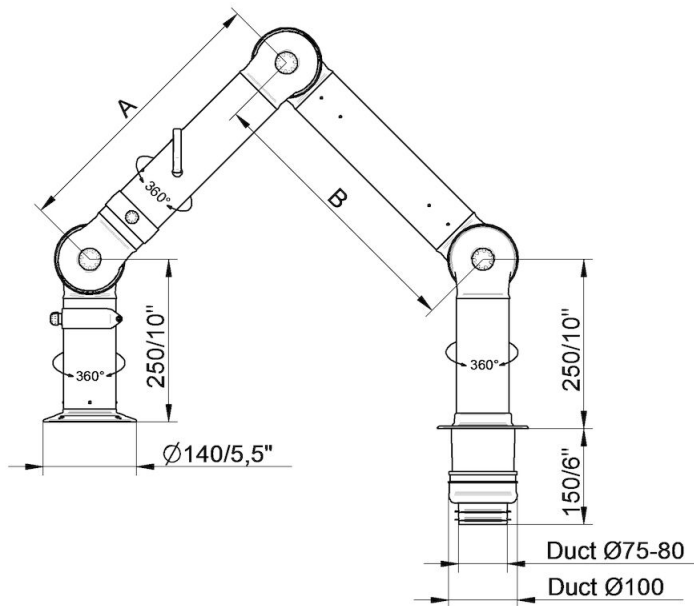2) Tubes: Aluminum, anodized 10 µm

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
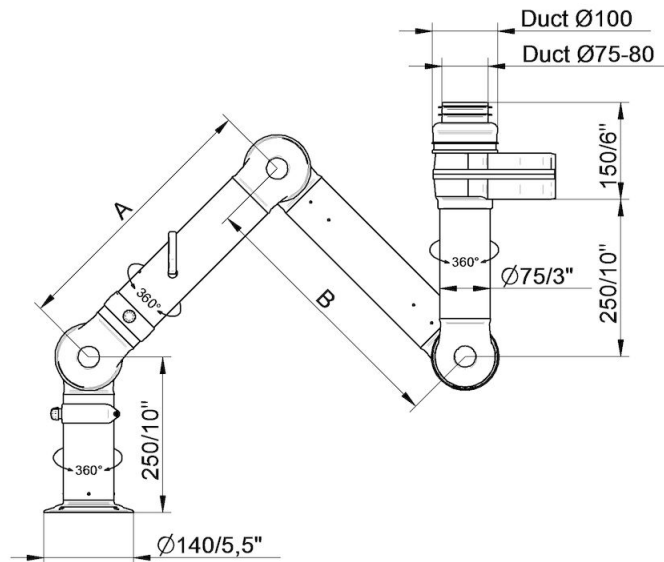   Bearings swivel condutive: PP plastic with glass fibre reinforcement

BenchTop Extraction Arm FX2 75 ESD/EX

• FX2-ESD/EX-D75-L1100-Down-Through
Numéro de pièce: 70604244
Max. rayon d'action: 1090 mm (42,9 in)
A: 420 mm (16,5 in)
B: 420 mm (16,5 in)

• FX2-ESD/EX-D75-L1500-Down-Through
Numéro de pièce: 70604644
Max. rayon d'action: 1450 mm (57,1 in)
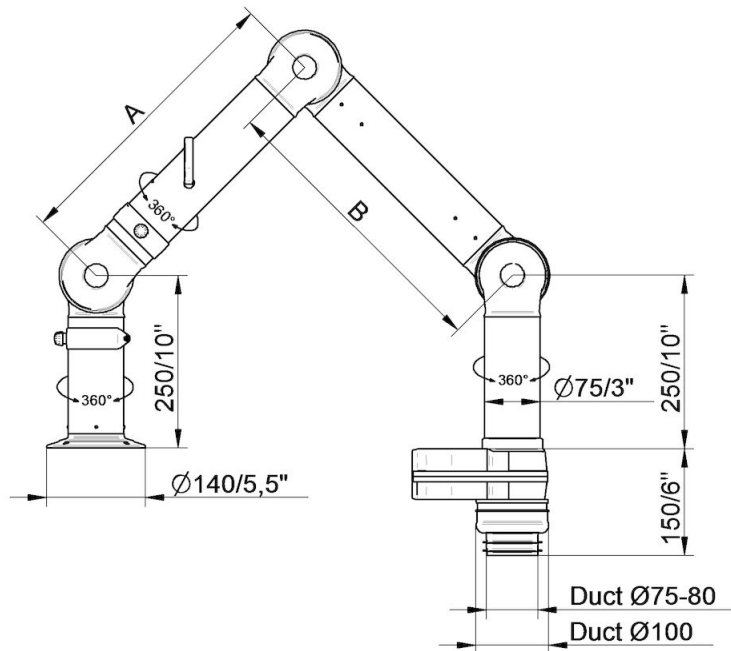A: 500 mm (19,7 in)
B: 700 mm (27,5 in)

BenchTop Extraction Arm FX2 75 ESD/EX

• FX2-ESD/EX-D75-L1100-Up-Low
Numéro de pièce: 70603944
Max. rayon d'action: 1090 mm (42,9 in)
A: 420 mm (16,5 in)
B: 420 mm (16,5 in)

• FX2-ESD/EX-D75-L1500-Up-Low
Numéro de pièce: 70604344
Max. rayon d'action: 1450 mm (57,1 in)
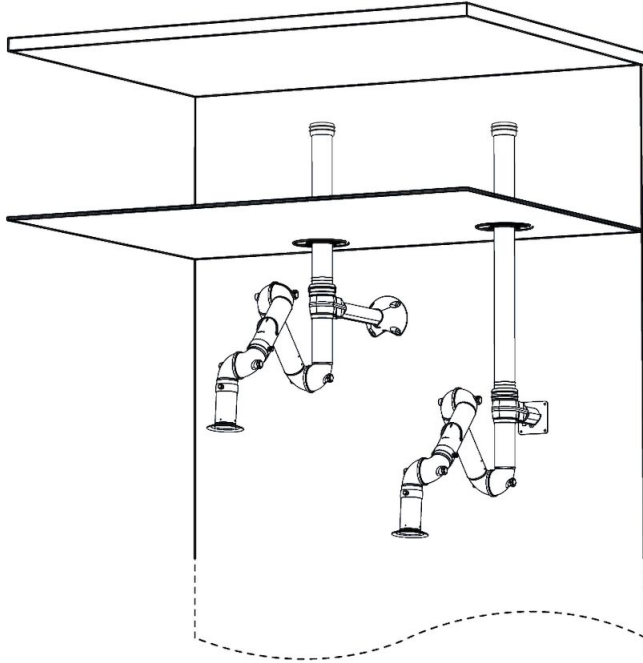A: 500 mm (19,7 in)
B: 700 mm (27,5 in)

BenchTop Extraction Arm FX2 75 ESD/EX

- FX2-ESD/EX-D75-L1100-Down-Low
Numéro de pièce: 70604144
Max. rayon d'action: 1090 mm (42,9 in)
A: 420 mm (16,5 in)
B: 420 mm (16,5 in)

- FX2-ESD/EX-D75-L1500-Down-Low
Numéro de pièce: 70604544
Max. rayon d'action: 1450 mm (57,1 in)
A: 500 mm (19,7 in)
B: 700 mm (27,5 in)

BenchTop Extraction Arm FX2 75 ESD/EX
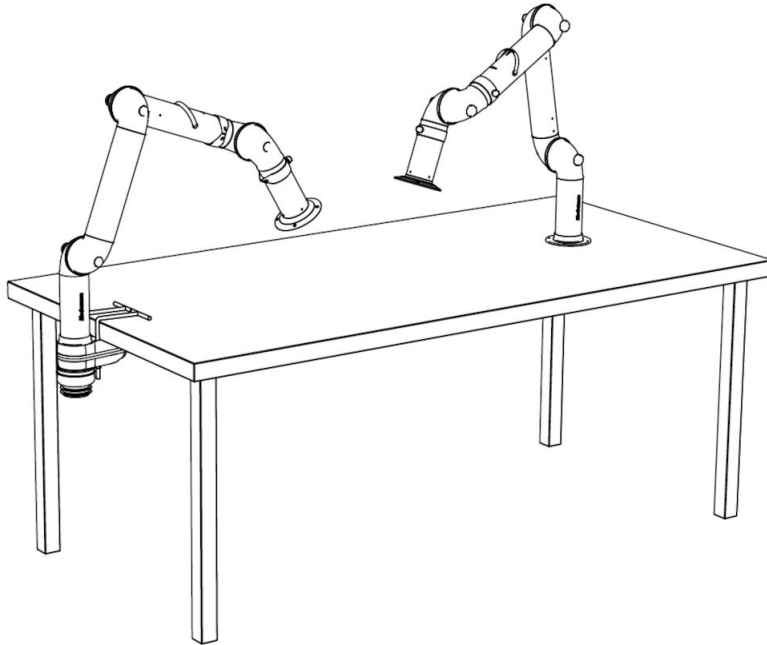

Wall mounting examples:
Left: FX2-Up-Low arm with following accessories:
-FX2-Bracket kit-D50/75/100-L500
-FX2-Ceiling cover plate-PLUS
-FX2-Alu duct
-FX2-Duct connector-ESD/EX-D100

Right: FX2-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-D100
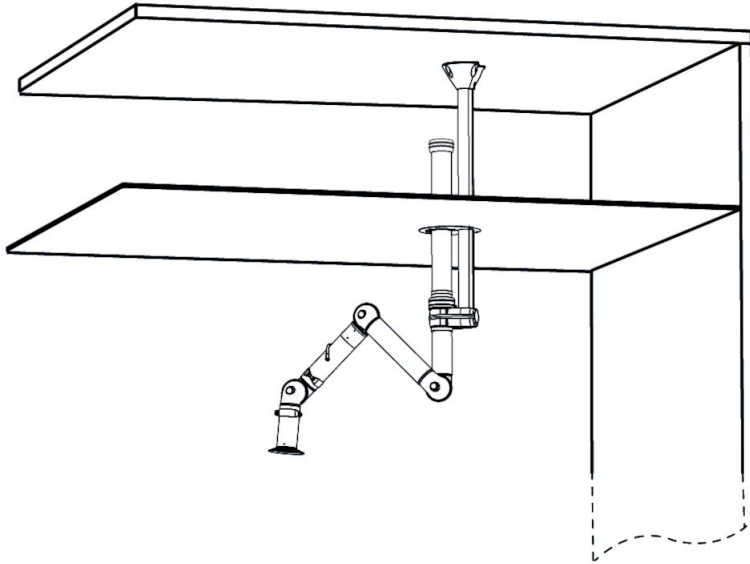
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Bench mounting examples:
Left: FX2-Down-Low arm with following accessories:
-FX2-Bench bracket kit-D50/75/100

Right: FX2-Down-Through arm
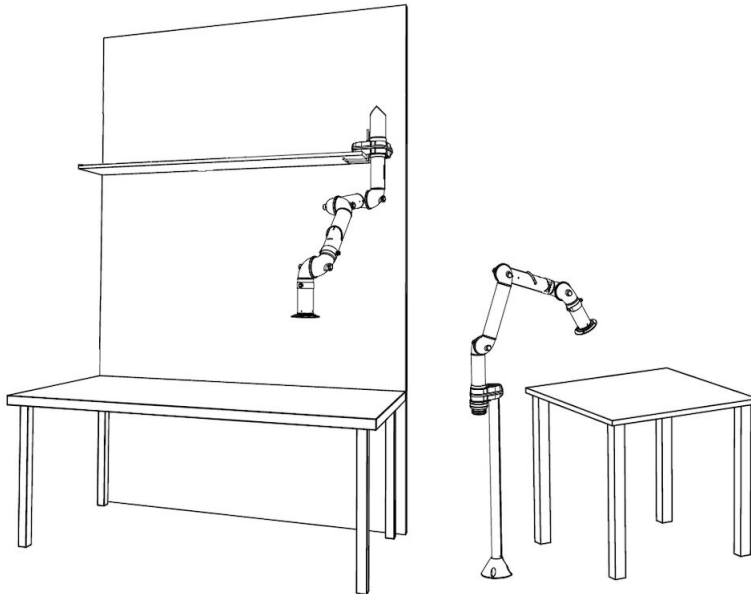
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Ceiling mounting example:
FX2-Up-Low arm with following accessories:
-FX-Classic bracket
-FX-Cut2fit extension-L1100
-FX2-Alu duct
-FX2-Duct connector-ESD/EX-D100
-FX-Ceiling cover plate

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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