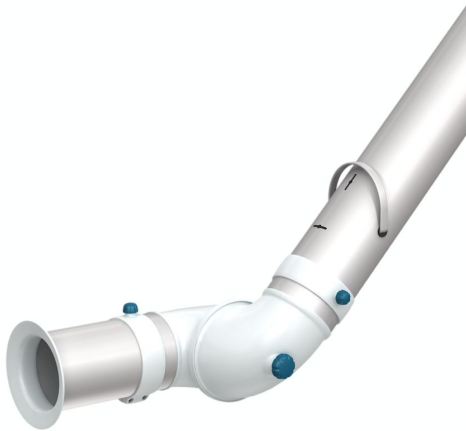


BenchTop Extraction Arm FX2 100 Original

The best and most cost-efficient solution for applications where small, flexible and easy-to-use arms are required.



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.

- 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 100 Original
Noise level (dB(A))	62 dB(A) at 265 cfm
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 (in)	4 in.
Airflow (cfm)	110 cfm - 265 cfm
Arm length (ft)	



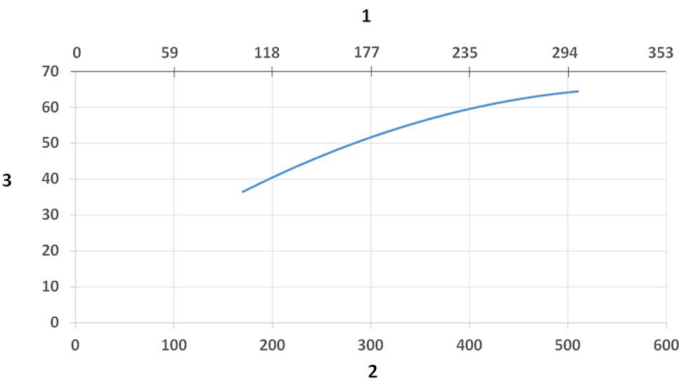
BenchTop Extraction Arm FX2 100 Original

Image	Description	Weight (lbs)	Model
	FX2-ORIG-D100-L1200-Up/Down-Low	10.5 lbs	70604744
	FX2-ORIG-D100-L1200-Up-PLUS	13 lbs	70604844
	FX2-ORIG-D100-L1200-Up/Down-Thr	9 lbs	70604944
	FX2-ORIG-D100-L1800-Up-Low	13 lbs	70605044
	FX2-ORIG-D100-L1800-Up-PLUS	17 lbs	70605144
	FX2-ORIG-D100-L1800-Down-Low	13 lbs	70605244
	FX2-ORIG-D100-L1800-Down-Through	11.5 lbs	70605344
	FX2-ORIG-D100-L2400-Up-Low	15.2 lbs	70605444
	FX2-ORIG-D100-L2400-Up-PLUS	19.2 lbs	70605544

BenchTop Extraction Arm FX2 100 Original

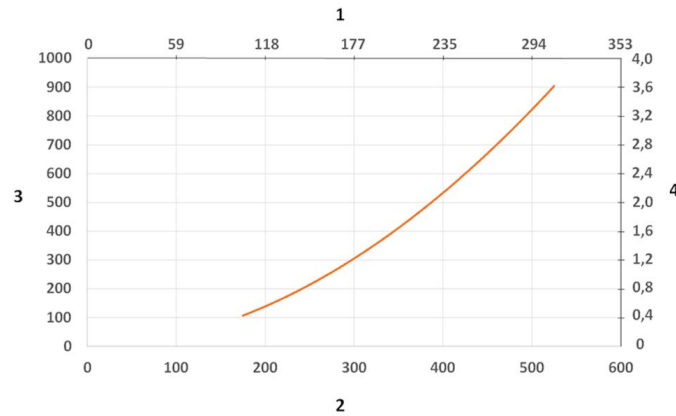
Accessory		Part No
	FX-Bracket kit-D50/75/100-L190. Complete mounting kit, with the classic bracket, 190 mm (7.48 inch) extension profile and associated parts, for mounting FX2 50/75/100 arms with 250mm from the vertical centre line of the arm to the wall	70501144
	FX2-Bracket kit-D50/75/100-L500. Complete mounting kit, with the classic bracket, 500mm (19.68 inch) extension profile and associated parts, for mounting FX2 50/75/100 arms on the ceiling .	70377042
	FX2-Wall BRKT kit-Flat-L190-White. Complete mounting kit, with flat wall bracket, 190 mm (7.48 inch) extension profile and associated parts, for mounting FX2 50/75/100 arms with 250mm from the vertical centre line of the arm to the wall.	70377043
	FX2-Wall-P BRKT kit-D50/75/100-L190. Complete mounting kit for mounting FX2 50/75/100 plus arms with 250 mm (9.84 inch) from the vertical centre line of the arm to the wall.	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. Cut2fit extension could be cut at any length and should be assembled together with the classic bracket for mounting FX2 50/75/100 arms on the ceiling or wall.	70501344
	FX-Cut2fit extension-L2200. Cut2fit extension could be cut at any length and should be assembled together with the classic bracket for mounting FX2 50/75/100 arms on the ceiling or wall.	70374600
	FX-Ceiling cover plate. Cover false/dropped ceiling openings caused by both extension profile and ducting.	70502644
	FX2-Ceiling cover plate-PLUS. Cover false/dropped ceiling opening caused by tube.	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. Powder coated white metal hood, made of aluminum, is designed to capture contaminants in high temperature, aggressive fume where corrosion resistance must be assured or dust splatter. It can be attached directly on minihood, irrespective of arm size.	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-D100. Grey duct connector to ease the coupling of 100mm (4 inch) Alu duct to external 125mm (5 inch) ductwork. Please note all arms are already supplied with a duct connector as standard.	70377040
	FX2-Al duct-L1000-D75/100toD100. Aluminum duct with 100 mm (4 inch) diameter and 1000 mm (39.37 inch) length is designed to replace vertical ventilation duct above the swivel of FX2 75/100 arm. This is a good looking alternative to standard, ventilation duct.	70377058
	FX2-Al duct-L2000-D75/100toD100. Aluminum duct with 100 mm (4 inch) diameter and 2000 mm (78.74 inch) length is designed to replace vertical ventilation duct above the swivel of FX2 75/100 arm. This is a good looking alternative to standard, ventilation duct.	70377059
	FX2-Hose support ring-D100. Place into the 100 mm (4 inch) hose to support the connection between the hose and the duct connector of the arm. A must to connect the hose to arm.	70377068
	FX2-Hose support ring-D125. Place into the 125 mm (5 inch) hose to support the connection between the hose and the duct connector of the arm. A must to connect the hose to arm.	70377069

BenchTop Extraction Arm FX2 100 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 100 Original



Pressure Drop diagram:

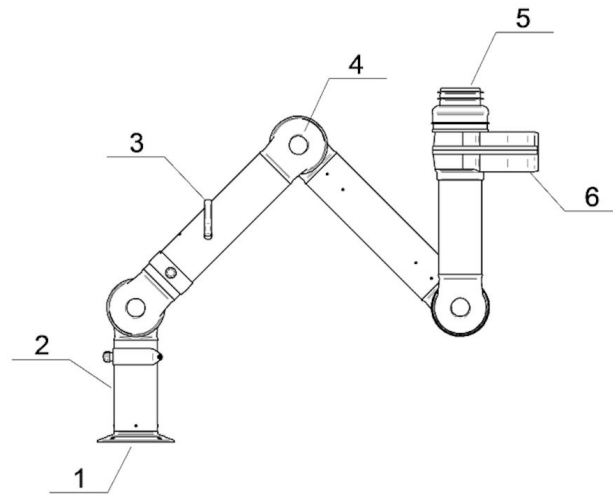
1) X- Axis: Air Flow Rate (cfm)

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

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

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

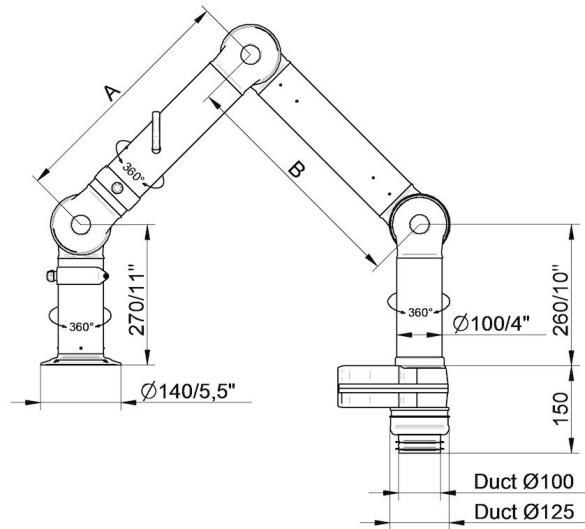
BenchTop Extraction Arm FX2 100 Original



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

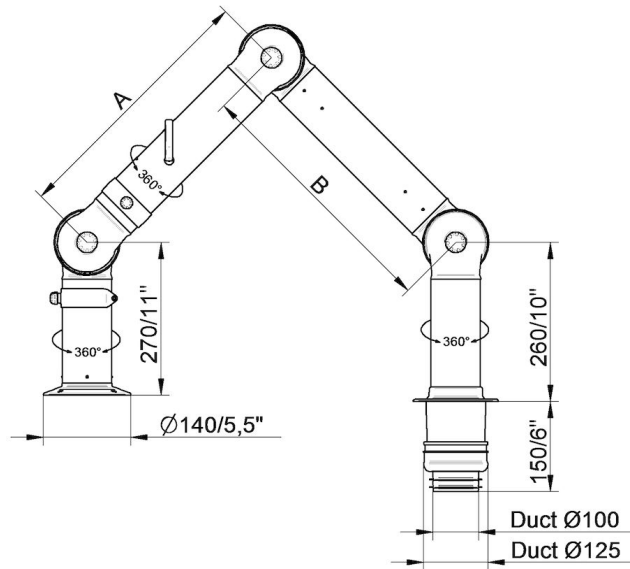
BenchTop Extraction Arm FX2 100 Original



- FX2-ORIG-D100-L1200-Up/Down-Low
Part number: 70604744
Max. working radius: 1170 mm (46,1 in)
A: 450 mm (17,7 in)
B: 450 mm (17,7 in)

- FX2-ORIG-D100-L1800-Down-Low
Part number: 70605244
Max. working radius: 1770 mm (69,7 in)
A: 750 mm (29,5 in)
B: 750 mm (29,5 in)

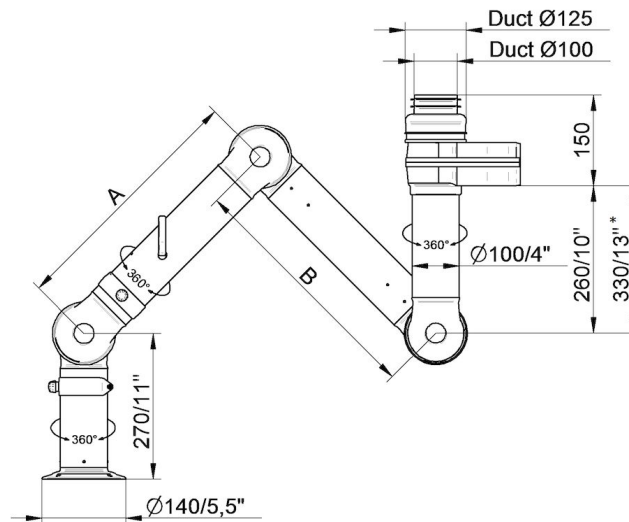
BenchTop Extraction Arm FX2 100 Original



- FX2-ORIG-D100-L1200-Up/Down-Through
Part number: 70604944
Max. working radius: 1170 mm (46,1 in)
A: 450 mm (17,7 in)
B: 450 mm (17,7 in)

- FX2-ORIG-D100-L1800-Down-Through
Part number: 70605344
Max. working radius: 1770 mm (69,7 in)
A: 750 mm (29,5 in)
B: 750 mm (29,5 in)

BenchTop Extraction Arm FX2 100 Original

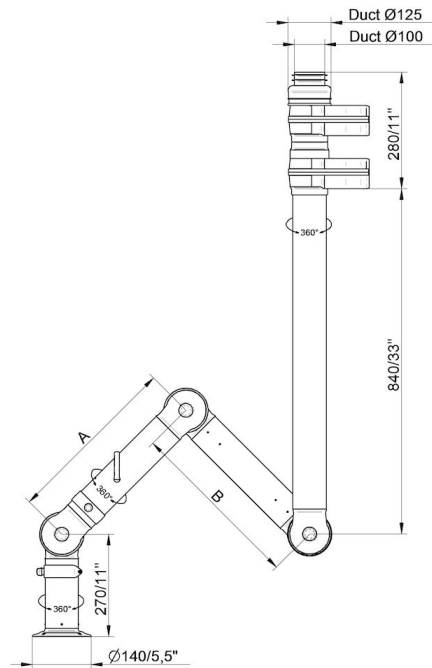


- FX2-ORIG-D100-L1200-Up/Down-Low
Part number: 70604744
Max. working radius: 1170 mm (46,1 in)
A: 450 mm (17,7 in)
B: 450 mm (17,7 in)

- FX2-ORIG-D100-L1800-Up-Low
Part number: 70605044
Max. working radius: 1770 mm (69,7 in)
A: 750 mm (29,5 in)
B: 750 mm (29,5 in)

- FX2-ORIG-D100-L2400-Up-Low
Part number: 70605444
Max. working radius: 2290 mm (90,2 in)
A: 1010 mm (39,7 in)
B: 1010 mm (39,7 in)

BenchTop Extraction Arm FX2 100 Original

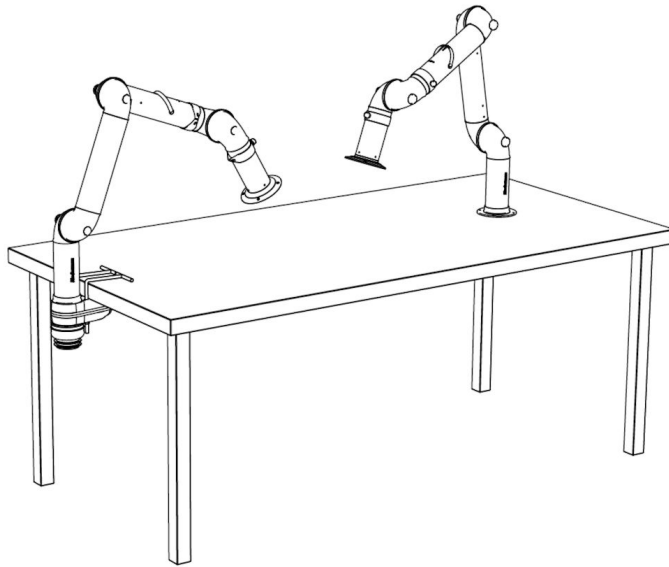


FX2-ORIG-D100-L1200-Up-PLUS
 Part number: 70604844
 Max. working radius: 1170 mm (46,1 in)
 A: 450 mm (17,7 in)
 B: 450 mm (17,7 in)

• FX2-ORIG-D100-L1800-Up-PLUS
 Part number: 70605144
 Max. working radius: 1770 mm (69,7 in)
 A: 750 mm (29,5 in)
 B: 750 mm (29,5 in)

• FX2-ORIG-D100-L2400-Up-PLUS
 Part number: 70605544
 Max. working radius: 2290 mm (90,2 in)
 A: 1010 mm (39,7 in)
 B: 1010 mm (39,7 in)

BenchTop Extraction Arm FX2 100 Original



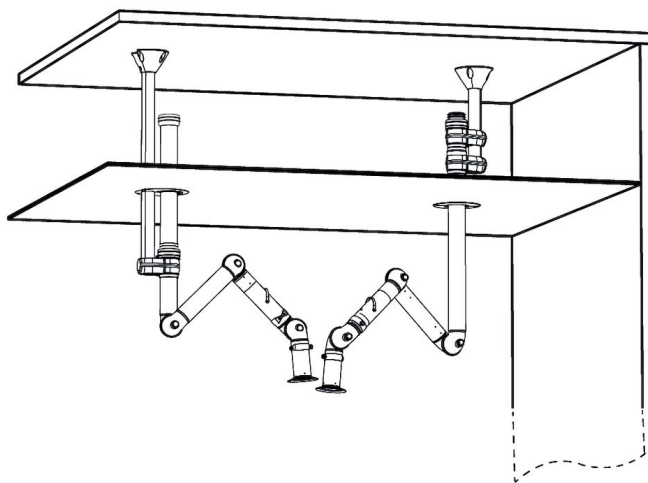
Bench mounting examples:

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

-FX2-Bench bracket kit-D-50/75/100

Right: FX2-Down-Through arm

BenchTop Extraction Arm FX2 100 Original



Ceiling mounting example:

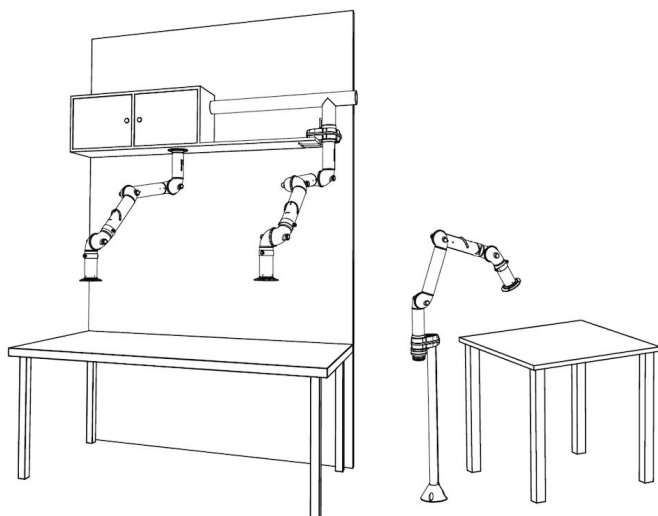
Left: FX2-Up-Low arm with following accessories:

- FX-Classic bracket
- FX-Cut2fit extension-L1100
- FX2-Alu duct
- FX2-Duct connector-ORIG/CHEM-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

BenchTop Extraction Arm FX2 100 Original



Other mounting examples:

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

Middle: Shelf mounting with FX2-Up-Low arm and following accessories:

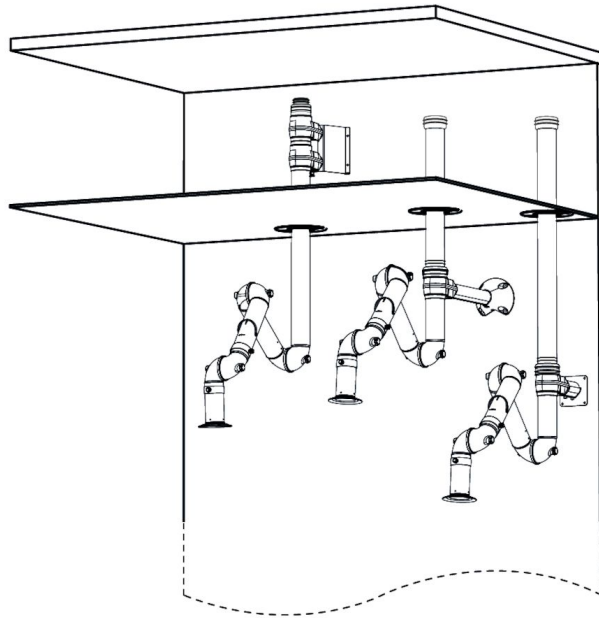
- FX2-Bench bracket kit

Right: Floor mounting with FX2-Up-Low arm and following accessories:

- FX-Classic bracket

- FX-Cut2fit extension-L1100

BenchTop Extraction Arm FX2 100 Original



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: FX2-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