


# QuantX Dispensing Consumables, Syringe Barrels, Pistons



## Description

Also available to buy online at [!\[\]\(666e09182d4cd268646ea700ea60dcdf\_img.jpg\)](#)  
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The **QuantX** range of premium dispensing consumables has been developed to provide you with the reassurance of maximum accuracy, optimised yields and minimum material waste, resulting in efficient and cost effective dispensing. All components are designed to enhance material flow, maximise control and ensure compatibility with other QuantX products, as well as being interchangeable with those from other leading premium brands.

The QuantX brand is a premium dispense management system that has been manufactured to strict tolerance standards in order to provide turbulence-free, accurate and repeatable dispensing.

Syringe Barrels – Natural, black, amber

# QuantX Dispensing Consumables, Syringe Barrels, Pistons



QuantX barrels are manufactured from premium grade polypropylene for maximum integrity and clarity. All QuantX barrels feature industry-standard Luer lock fitting. Available in amber and black for UV sensitive materials .

## Air Powered Polyethylene Pistons

QuantX Evenpress™ pistons apply pressure evenly across the material and seal fluid and fumes in the syringe barrel as well as helping to prevent tunnelling in higher viscosity materials.

Syringe Barrel End Caps, Syringe Barrel Flat-Base Tip Caps, [Syringe Barrel Adapters](#)

Green polyethylene clip style quick-twist end caps ensure an air tight seal and secure the neck opening of the syringe barrel when not in use or in storage. QuantX tip caps provide a seal that prevents leaks when prefilling barrels or sealing part-empty syringes between use. Made of polyethylene, they have a knurled surface for easy fitting and removal, and a flat end for upright storage. [QuantX syringe barrel adapter assemblies connect a syringe to a time/pressure controller.](#)

## Industrial Syringe Barrel & Piston Kits

Syringe barrel and piston sets ensure that matched QuantX components are always used in the QuantX fluid management system providing optimum dispensing performance. See the **Syringe and Piston Kits** tab below for syringe barrel and piston combinations.

# QuantX Dispensing Consumables, Syringe Barrels, Pistons



## Features & Benefits

- Available from stock for **next day delivery**
- Comprehensive range
- Compatible with all pressure dispensing equipment
- Competitively priced
- No silicone, chlorides or amides have been used at any stage of the moulding process or during production
- Only virgin raw materials are used to ensure product consistency
- Raw materials used meet FDA specifications
- Free of latex, DEHP
- RoHS compliant
- Quality tests have been conducted to approve dispensing components for industrial use with pressures up to 6.9bar (100psi), provided they are used correctly and as a single use product. These tests have been validated at a temperature range of 10°C to 40°C.

## Syringe Barrels

QuantX syringe barrels benefit from a highly accurate manufacturing process to ensure minimal resistance and parallel uniformity over their length. This enables accurate dispensing of dots, lines and doses. QuantX barrels are manufactured from premium grade polypropylene for maximum integrity and clarity. All QuantX barrels feature industry-standard Luer lock fitting.

# QuantX Dispensing Consumables, Syringe Barrels, Pistons



Syringe Barrels - Natural



Part number	Size	Base type	I.D (mm)	O.D (mm)	Length (mm)	Qty per pkg
FIS8001001	3cc	Round	9.6	11.5	75	50
FIS8001002	5cc	Round	12.7	14.4	70	40
FIS8001003	10cc	Round	15.8	18.6	91	30
FIS8001004	30cc	Round	22.6	25.4	118	20
FIS8001005	55cc	Round	22.6	25.9	175	15

# QuantX Dispensing Consumables, Syringe Barrels, Pistons



Syringe Barrels - Black



Completely opaque, do not allow any outside light to pass through. For use with highly sensitive UV or light curing materials.



Part number	Size	Base type	I.D	O.D	Length	Qty per pkg
FIS8001045	3cc	Round	9.6	11.5	75	50
FIS8001046	5cc	Round	12.7	14.4	70	40
FIS8001047	10cc	Round	15.8	18.6	91	30
FIS8001048	30cc	Round	22.6	25.4	118	20
FIS8001049	55cc	Round	22.6	25.9	175	15

# QuantX Dispensing Consumables, Syringe Barrels, Pistons



Syringe Barrels - Amber



For UV curing materials. Blocks light up to 520nm visible light while still allowing the operator to see inside the barrel.



Part number	Size	Base type	I.D	O.D	Length	Qty per pkg
FIS8001040	3cc	Round	9.6	11.5	75	50
FIS8001041	5cc	Round	12.7	14.4	70	40
FIS8001042	10cc	Round	15.8	18.6	91	30
FIS8001043	30cc	Round	22.6	25.4	118	20
FIS8001044	55cc	Round	22.6	25.9	175	15

# QuantX Dispensing Consumables, Syringe Barrels, Pistons



## Air Powered Polyethylene Pistons

QuantX Evenpress™ pistons apply pressure evenly across the material and seal fluid and fumes in the syringe barrel as well as helping to prevent tunnelling in higher viscosity materials. They are suitable for most materials (we do not recommend the use of pistons for cyanoacrylate dispensing).

## Smooth-Flow Green Pistons



Evenpress™ Smooth-Flow (green) low friction pistons are recommended for most dispensing applications. The double-wipe design prevents material waste and air entrapment by wiping the syringe barrel wall clean.



# QuantX Dispensing Consumables, Syringe Barrels, Pistons



Part number	Size	Base type	Qty per pkg
FIS8001006	3cc	Round	50
FIS8001007	5cc	Round	40
FIS8001008	10cc	Round	30
FIS8001009	30/55cc	Round	20

## Flat-Wall Blue Pistons



Evenpress™ Flat-Wall (blue) pistons are recommended for reducing potential stringing and bouncing often associated with dispensing high viscosity fluids, or for certain low viscosity liquids.



Part number	Size	Base type	Qty per pkg
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QuantX Dispensing Consumables,  
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FIS8001010	3cc	Round	50
FIS8001011	5cc	Round	40
FIS8001012	10cc	Round	30
FIS8001013	30/55cc	Round	20

Low Viscosity Orange Pistons



Low viscosity orange pistons are used for preventing dripping of watery fluids and accidental back-flow into the dispenser.



Part number	Size	Base type	Qty per pkg
FIS8001506	3cc	Round	50

# QuantX Dispensing Consumables, Syringe Barrels, Pistons



FIS8001507	5cc	Round	40
FIS8001508	10cc	Round	30
FIS8001509	30/55cc	Round	20

## Syringe Barrel End Caps



Green polyethylene clip style quick-twist end caps ensure an air tight seal and secure the neck opening of the syringe barrel when not in use or in storage.



Part number	Size	Qty per pkg	
FIS8001034	3cc	50	
FIS8001035	5cc	40	
FIS8001036	10cc	30	

# QuantX Dispensing Consumables, Syringe Barrels, Pistons

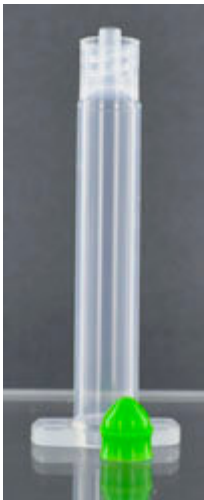


FIS8001037	30/55cc	20	
<div>Syringe Barrel Flat-Base Tip Caps</div> <div><div>intertronics</div><div>SHOP </div></div> <p>QuantX tip caps provide a seal that prevents leaks when prefilling barrels or sealing part-empty syringes between use. Made of polyethylene, they have a knurled surface for easy fitting and removal, and a flat end for upright storage.</p>			
Part number	Size	Colour	Qty
FIS8001038	Fits all	Green	50

# QuantX Dispensing Consumables, Syringe Barrels, Pistons



## Syringe and Piston Kits



Syringe barrel and piston sets ensure that matched QuantX components are always

used in the QuantX fluid management system providing optimum dispensing performance.

Syringe and Piston Kits include Syringe Barrels and corresponding Smooth-Flow Green Pistons.

# QuantX Dispensing Consumables, Syringe Barrels, Pistons



## Industrial Syringe Barrel & Piston Kits




Part number	Size	Qty	Colour
FIS8001058	3cc	50	Natural
FIS8001059	5cc	40	Natural
FIS8001060	10cc	30	Natural
FIS8001061	30cc	20	Natural
FIS8001062	55cc	15	Natural
FIS8001063	3cc	50	Amber
FIS8001064	5cc	40	Amber

# QuantX Dispensing Consumables, Syringe Barrels, Pistons

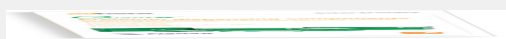


FIS8001065	10cc	30	Amber
FIS8001066	30cc	20	Amber
FIS8001067	55cc	15	Amber
FIS8001068	3cc	50	Black
FIS8001069	5cc	40	Black
FIS8001070	10cc	30	Black
FIS8001071	30cc	20	Black
FIS8001072	55cc	15	Black

## Other Information

	<p>See our page for <a href="#">Syringe Barrel Adapter Assemblies</a></p> <p>To connect a syringe to a time/pressure controller</p>
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# QuantX Dispensing Consumables, Syringe Barrels, Pistons



[Download our QuantX fluid dispensing  
components brochure](#)

## Ordering Information



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# QuantX Dispensing Consumables, Syringe Barrels, Pistons



- Name\*
- Company\*
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If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

- Tell us about your application

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