

Less Stress. More Reliable Connections.

Agilent InfinityLab Quick Turn Fittings



Effortlessly secure connections in limited space applications

Improperly connected fittings in chromatography systems can lead to various issues that degrade the quality of separations. Agilent InfinityLab Quick Turn LC fittings are designed for repeated use with multiple capillaries, ensuring consistent performance without degradation. This allows for confident capillary changes without compromising chromatographic quality. Additionally, the exchangeable ferrule significantly extends the fitting's lifespan, ensuring secure connections for optimal chromatography.

For instrument connections with insufficient space for InfinityLab Quick Connect fittings, you can rely on Agilent InfinityLab Quick Turn fittings. Like our Quick Connect fittings, they leverage a proprietary spring-loaded design for zero dead volume and a sure connection. This design is essential for maintaining consistent chromatographic performance and preventing peak broadening or tailing, loss of resolution, and other deficiencies commonly caused by improperly connected capillaries.

Achieve secure connections up to:

- 400 bar by hand tightening
- 800 bar tight using the mounting tool ([5043-0915](#))
- 1300 bar with a wrench



Specifications and ordering information

InfinityLab Quick Turn fittings are specially optimized for the InfinityLab LC Series Instruments. They are available in different lengths and internal diameters, including 0.075 mm id, 0.12 mm id, 0.17 mm id and 0.25 mm id to fit most UHPLC as well as HPLC applications.

Product description	Part number	Product description	Part number
Fittings and ferrules		MP35N capillaries	
Quick Turn fitting*	5067-5966	Quick Turn capillary, MP35N, 0.075 x 105 mm	5500-1589
Front ferrule for Quick Connect and Quick Turn fitting	5043-0924	Quick Turn capillary, MP35N, 0.075 x 150 mm	5500-1590
Mounting tool	5043-0915	Quick Turn capillary, MP35N, 0.075 x 250 mm	5500-1591
Stainless steel capillaries (ST)		Quick Turn capillary, MP35N, 0.075 x 500 mm	5500-1592
Quick Turn capillary, ST, 0.075 x 105 mm	5500-1198	Quick Turn capillary, MP35N, 0.12 x 105 mm	5500-1593
Quick Turn capillary, ST, 0.075 x 150 mm	5500-1232	Quick Turn capillary, MP35N, 0.12 x 150 mm	5500-1594
Quick Turn capillary, ST, 0.075 x 250 mm	5500-1206	Quick Turn capillary, MP35N, 0.12 x 200 mm	5500-1595
Quick Turn capillary, ST, 0.075 x 500 mm	5500-1205	Quick Turn capillary, MP35N, 0.12 x 280 mm	5500-1596
Quick Turn capillary, ST, 0.12 x 105 mm	5500-1188	Quick Turn capillary, MP35N, 0.12 x 400 mm	5500-1597
Quick Turn capillary, ST, 0.12 x 150 mm	5500-1189	Quick Turn capillary, MP35N, 0.12 x 500 mm	5500-1598
Quick Turn capillary, ST, 0.12 x 180 mm	5500-1233	Quick Turn capillary, MP35N, 0.12 x 700 mm	5500-1607
Quick Turn capillary, ST, 0.12 x 200 mm	5500-1190	Quick Turn capillary, MP35N, 0.17 x 105 mm	5500-1599
Quick Turn capillary, ST, 0.12 x 280 mm	5500-1191	Quick Turn capillary, MP35N, 0.17 x 150 mm	5500-1600
Quick Turn capillary, ST, 0.12 x 500 mm	5500-1192	Quick Turn capillary, MP35N, 0.17 x 200 mm	5500-1601
Quick Turn capillary, ST, 0.17 x 105 mm	5500-1193	Quick Turn capillary, MP35N, 0.17 x 280 mm	5500-1602
Quick Turn capillary, ST, 0.17 x 150 mm	5500-1194	Quick Turn capillary, MP35N, 0.17 x 400 mm	5500-1603
Quick Turn capillary, ST, 0.17 x 180 mm	5500-1234	Quick Turn capillary, MP35N, 0.17 x 500 mm	5500-1604
Quick Turn capillary, ST, 0.17 x 200 mm	5500-1195	Quick Turn capillary, MP35N, 0.17 x 700 mm	5500-1605
Quick Turn capillary, ST, 0.17 x 280 mm	5500-1196		
Quick Turn capillary, ST, 0.17 x 380 mm	5500-1235		
Quick Turn capillary, ST, 0.17 x 400 mm	5500-1236		
Quick Turn capillary, ST, 0.17 x 500 mm	5500-1197		
Quick Turn capillary, ST, 0.17 x 700 mm	5500-1237		
Quick Turn capillary, ST, 0.25 x 150 mm	5500-1262		
Quick Turn capillary, ST, 0.25 x 400 mm	5500-1263		
Quick Turn capillary, ST, 0.12 x 150 mm M4	5500-1288		
Quick Turn capillary, ST, 0.12 x 130 mm M4	5500-1200		
Quick Turn capillary, ST, 0.17 x 150 mm M4	5500-1290		

* For optimal results, it is recommended to use the InfinityLab Quick Turn fittings with the Quick Turn capillaries specified above.

Achieve perfect column connections with InfinityLab Quick Connect fittings

Agilent InfinityLab Quick Connect fittings offer exceptional durability and maintain a secure seal, withstanding pressures up to 1300 bar even after more than 200 reconnections. These fittings allow for effortless connection and reconnection, making them ideal for your most frequently used columns.

Learn more:

www.agilent.com/chem/quickconnect



Maximize your liquid chromatography workflow with InfinityLab LC supplies

Agilent InfinityLab supplies are innovative solutions designed to work seamlessly with Agilent LC instruments and columns, maximizing your efficiency and HPLC performance. Combined with Agilent OpenLAB software and Agilent CrossLab Services, InfinityLab supplies provide you with end-to-end support to make every day more productive.

Learn more:

www.agilent.com/chem/infinitylab



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