



BRUKER LABSCAPE CONSUMABLES

Bruker SampleJet™ Consumables

We've got you covered

Innovation with Integrity

Get the Best Results from your Automation Unit

With the SampleJet, NMR completely blends into the scenery of modern day lab automation, helping customers to efficiently handle their daily routine. The high-performance instruments are supported by high-throughput automation.

Combine your instrument with a cutting-edge Bruker SampleJet autosampler and the quality and performance of Bruker consumables designed and developed specifically for this system. The use of appropriate consumables is not only essential for reliable measurement results but also for the probe's safety and the performance of the sample changer.

With the Bruker liquid NMR consumables range you have a clear and reliable portfolio for your daily use. NMR tubes from Bruker can be used with all high-resolution NMR systems with no frequency-based restrictions.

Carefully developed and sustainably produced

Bruker offers single (1 x 96 tubes) and multiple rack (5 x 96 tubes) products, specifically created and produced to match the storage capacity and strict specifications of the SampleJet autosampler.

As standard, the product comes with the patented shaped caps, coded to allow tracking of samples and experiments. The coded open caps are available for all probe dimensions supported by SampleJet. The chemical resistance to a wide range of NMR solvents (CDCl₃, MEOD, DMSO, etc.) and the mechanical strength of the product has been tested and validated from 4°C to 60 °C. The colored POM balls can be used to tightly seal the tubes and the variety of the colors offered for the sealing balls allow for simple visual sample recognition, when for example more than one user works with the automation unit.

For simple refilling of the racks and for open access shop, spare tubes (4" and 7" respectively) and caps are available for 3 mm and 5 mm diameters. The Certificate of Conformity included into the multiple rack products ensures quality and traceability to the raw material level. Spare coded and uncoded caps for 3 mm and 5 mm tubes complete the SampleJet consumables portfolio.

Racked NMR tubes with closed coded caps

1 rack x 96 tubes, 4" length, suitable for all frequencies

Material Number	Outer diameter	Wall thickness	Camber	Concentricity
Z112273	5 mm	0.38 mm	60 µm	30 µm
Z112272	3 mm	0.38 mm	60 µm	30 µm
Z106462	1.7 mm	0.2 mm	20 µm	15 µm
Z107504	1 mm	0.1 mm	20 µm	15 µm

Benefits

- Reliable measurement results
- Increased productivity
- Probe safety and sample changer reliability
- Cost saving and sustainable consumables solutions



3 mm rack (Z112272)

5 racks x 96 tubes, 4" length, suitable for all frequencies

Material Number	Outer diameter	Wall thickness	Camber	Concentricity
Z168405	5 mm	0.38 mm	60 µm	30 µm
Z168406	3 mm	0.38 mm	60 µm	30 µm
Z168407	1.7 mm	0.2 mm	20 µm	15 µm
Z168408	1 mm	0.1 mm	20 µm	15 µm



5x racks

100 x POM balls to tightly close SampleJet caps

Material Number	Color
Z147554	Red
Z72497	Transparent white
Z147553	Azure blue
Z147552	Pastel orange
Z147555	Zinc yellow



POM balls

Material Number	Description
Z72498	POM balls pinch tool for closing SampleJet tubes



POM balls pinch tool (Z72498)

Unracked NMR tubes

100 x tubes and closed coded caps, 4" length, suitable for all frequencies

Material Number	Outer diameter	Wall thickness	Camber	Concentricity
Z172599	5 mm	0.38 mm	60 µm	30 µm
Z172597	3 mm	0.38 mm	60 µm	30 µm



5 mm 4" tubes and caps (Z172599)

100 x tubes and closed coded caps, 7" length, suitable for all frequencies

Material Number	Outer diameter	Wall thickness	Camber	Concentricity
Z172600	5 mm	0.38 mm	60 µm	30 µm
Z172598	3 mm	0.29 mm	60 µm	30 µm



3 mm 7" tubes and caps (Z172598)

Spare caps

100 x closed coded caps

Material Number	Ø	Color
Z106779	5 mm	Purple
Z107163	3 mm	Green



3 mm caps (Z107163)

100 x closed uncoded caps

Material Number	Ø	Color
Z105683	5 mm	Purple
Z107474	3 mm	Green



5 mm caps (Z105683)

100 x open uncoded caps

Material Number	Ø	Color
Z105912	5 mm	Purple
Z107376	3 mm	Green



3 mm caps (Z107376)

Closed coded caps for Standard Reference Samples

Material Number	Ø	Color
Z163895	5 mm	Purple
Z163894	3 mm	Green



5 mm caps (Z163895)

Shuttles

Material Number	Ø	Max. Temperature	Label color
Z105515	5 mm	150 °C	Purple
Z105909	3 mm	150 °C	Green
Z106558	1.7 mm	150 °C	Gray
Z107648	1 mm	150 °C	Black



5 mm shuttle (Z105515)

LabScape
We've got you covered

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