

Engineering Office M. Wohlwend GmbH

Your partner for high pressure freezing machines and accessories with more the 40 years' experience.



High Pressure Freezing Machine HPF Compact 03

Our HPF Compact 03 sets a new standard in high pressure freezing technology with its outstanding performance, reliability and versatility, and this for a reasonable price.

We offer specimen carriers in 3- and 6-mm diameter for all high-pressure freezing machines on the market: HPF Compact 01, 02, 03 / HPM 010 / Leica EM HPM 100 / Leica EM ICE / CryoCapCell / Leica EM PACT1 and 2

Article	Specimen carriers for HPF Compact 01, 02, 03 / HPM 100 / HPM 010 / Leica ICE / CryoCapCell	Diameter	Cavity	Thickness
241	Aluminium	3 mm	0.1 / 0.2 mm	0.50 mm
242	Aluminium	3 mm	0.3 mm	0.50 mm
353	Aluminium	3 mm	0.15 / 0.15 mm	0.50 mm
389	Aluminium	3 mm	0.025 / 0.275 mm	0.50 mm
390	Aluminium	3 mm	0.05 / 0.25 mm	0.50 mm
737	Aluminium	3 mm	0.04 / 0.6 mm	0.84 mm
748	Aluminium	3 mm	0.04 / 0.2 mm	0.44 mm
610	Aluminium	6 mm	0.1 / 0.2 mm	0.50 mm
611	Aluminium	6 mm	0.3 mm	0.50 mm
612	Aluminium	6 mm	0.15 / 0.15 mm	0.50 mm
797	Aluminium	6 mm	0.05 / 0.15 mm	0.40 mm
1792	Aluminium	6 mm	0.05 / 0.09 mm	0.34 mm
662	Copper gold coated	3 mm	0.1 / 0.2 mm	0.50 mm
663	Copper gold coated	3 mm	0.3 mm	0.50 mm
665	Copper gold coated	3 mm	0.15 / 0.15 mm	0.50 mm
1860	Copper gold coated	3 mm	0.025 / 0.275 mm	0.50 mm
1861	Copper gold coated	3 mm	0.05 / 0.25 mm	0.50 mm
1190	Copper gold coated	6 mm	0.1 / 0.2 mm	0.50 mm
1191	Copper gold coated	6 mm	0.3 mm	0.50 mm
1192	Copper gold coated	6 mm	0.15 / 0.15 mm	0.50 mm
1644	Aluminium labelled	3 mm	0.3 mm	0.50 mm
1888	Aluminium labelled	6 mm	0.3 mm	0.50 mm
405	Sapphire disc	3 mm		0.05 mm
454	Sapphire disc EM PACT	1.4 mm		0.05 mm
500	Sapphire disc	3 mm		0.16 mm
616	Sapphire disc	6 mm		0.10 mm
627	Sapphire disc labelled	3 mm		0.16 mm
1292	Sapphire disc ICE	6 mm		0.12 mm
1303	Sapphire disc	6 mm		0.16 mm
1304	Sapphire disc labelled	6 mm		0.16 mm
Article	Specimen carriers for HPM 100, Leica ICE	Diameter	Cavity	Thickness
1313	Aluminium	3 mm	0.1 / 0.2 mm	0.52 mm
1314	Aluminium	3 mm	0.3 mm	0.52 mm
1315	Aluminium	3 mm	0.15 / 0.15 mm	0.52 mm
1316	Aluminium	3 mm	0.025 / 0.275 mm	0.52 mm
1317	Aluminium	3 mm	0.05 / 0.25 mm	0.52 mm
1319	Aluminium	6 mm	0.1 / 0.2 mm	0.52 mm
1320	Aluminium	6 mm	0.3 mm	0.52 mm
1321	Aluminium	6 mm	0.15 / 0.15 mm	0.52 mm
1322	Copper gold coated	3 mm	0.1 / 0.2 mm	0.52 mm
1323	Copper gold coated	3 mm	0.3 mm	0.52 mm
1324	Copper gold coated	3 mm	0.15 / 0.15 mm	0.52 mm
1325	Copper gold coated	6 mm	0.1 / 0.2 mm	0.52 mm
1326	Copper gold coated	6 mm	0.3 mm	0.52 mm
1327	Copper gold coated	6 mm	0.15 / 0.15 mm	0.52 mm
Article	Specimen carriers for EM PACT1 and 2	Diameter	Cavity	Thickness
1091	Copper gold coated slot carrier	2.8 mm	0.1 / 0.3 / 1.2 mm	0.60 mm
1092	Copper gold coated slot carrier	2.8 mm	0.2 / 0.3 / 1.2 mm	0.60 mm

1093	Copper gold coated Membrane carrier (Leica 707898)	2.8 mm	0.1 mm	0.16 mm
1094	Copper gold coated Membrane carrier (Leica 707899)	2.8 mm	0.2 mm	0.26 mm
1095	Copper gold coated bore carrier	2.8 mm	0.3 mm	0.60 mm

Spacers in stainless steel in diameter 3 and 6 mm

Article		Diameter	Cavity	Thickness
1236	Stainless steel	3 mm	0.05 mm	0.05 mm
1237	Stainless steel	3 mm	0.10 mm	0.10 mm
1238	Stainless steel	3 mm	0.15 mm	0.15 mm
1239	Stainless steel	3 mm	0.20 mm	0.20 mm
1240	Stainless steel	3 mm	0.25 mm	0.25 mm
1241	Stainless steel	3 mm	0.30 mm	0.30 mm
1242	Stainless steel	3 mm	0.35 mm	0.35 mm
1243	Stainless steel	3 mm	0.40 mm	0.40 mm
1244	Stainless steel	3 mm	0.45 mm	0.45 mm
1245	Stainless steel	3 mm	0.50 mm	0.50 mm
1248	Stainless steel	3 mm	0.65 mm	0.65 mm
1256	Stainless steel	6 mm	0.05 mm	0.05 mm
1257	Stainless steel	6 mm	0.10 mm	0.10 mm
1258	Stainless steel	6 mm	0.15 mm	0.15 mm
1259	Stainless steel	6 mm	0.20 mm	0.20 mm
1260	Stainless steel	6 mm	0.25 mm	0.25 mm
1261	Stainless steel	6 mm	0.30 mm	0.30 mm
1262	Stainless steel	6 mm	0.35 mm	0.35 mm
1263	Stainless steel	6 mm	0.40 mm	0.40 mm
1264	Stainless steel	6 mm	0.45 mm	0.45 mm
1265	Stainless steel	6 mm	0.50 mm	0.50 mm

Spacers in copper gold coated in diameter 3 and 6 mm

Article		Diameter	Cavity	Thickness
1711	Copper gold coated	3 mm	0.05 mm	0.05 mm
1712	Copper gold coated	3 mm	0.10 mm	0.10 mm
1713	Copper gold coated	3 mm	0.15 mm	0.15 mm
1714	Copper gold coated	3 mm	0.20 mm	0.20 mm
1715	Copper gold coated	3 mm	0.25 mm	0.25 mm
1716	Copper gold coated	3 mm	0.30 mm	0.30 mm
1717	Copper gold coated	3 mm	0.35 mm	0.35 mm
1718	Copper gold coated	3 mm	0.40 mm	0.40 mm
1719	Copper gold coated	3 mm	0.45 mm	0.45 mm
1720	Copper gold coated	3 mm	0.50 mm	0.50 mm
1648	Copper gold coated	6 mm	0.05 mm	0.05 mm
1649	Copper gold coated	6 mm	0.10 mm	0.10 mm
1650	Copper gold coated	6 mm	0.15 mm	0.15 mm
1651	Copper gold coated	6 mm	0.20 mm	0.20 mm
1652	Copper gold coated	6 mm	0.25 mm	0.25 mm
1653	Copper gold coated	6 mm	0.30 mm	0.30 mm
1654	Copper gold coated	6 mm	0.35 mm	0.35 mm
1655	Copper gold coated	6 mm	0.40 mm	0.40 mm
1656	Copper gold coated	6 mm	0.45 mm	0.45 mm
1657	Copper gold coated	6 mm	0.50 mm	0.50 mm

Copper Tubes

Article	
730-1	Outer diameter 0.6 mm, inner diameter 0.3 mm, length 9 mm
730-2	Outer diameter 0.5 mm, inner diameter 0.35 mm, length 9 mm
730-3	Outer diameter 0.45 mm, inner diameter 0.3 mm, length 9 mm

Different holders for different high-pressure freezers

Article	Diameter	Depth	Freezer
290	3 mm	0.95 mm	HPF Compact 0.1, 02, 03
619	6 mm	0.95 mm	HPF Compact 0.1, 02, 03
402	Omega platelet	0.1 / 0.2 mm	HPF Compact 0.1, 02, 03
421	Omega platelet	0.1 / 0.2 mm	HPM 010
422	3 mm	0.95 mm	HPM 010

Further aluminium, copper gold coated specimen carriers, stainless steel and copper gold coated spacers, holders, copper tubes, omega platelets, capillary tubes, etc. are available ex stock.

We also deliver special customized platelets and spacers on request!

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