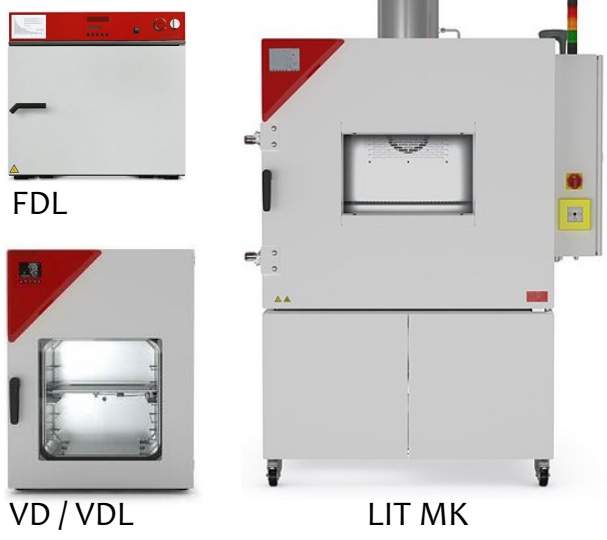


Safety- / vacuum drying ovens and battery test chambers:



FDL-Safety drying ovens

Silicone and dust-free chamber, as well as symmetric airflow dries specimens containing solvents perfectly.

VD / VDL vacuum drying ovens, for non-flammable and flammable solvents.

Efficient drying due to temperature and vacuum. With a VDL vacuum drying oven (ATEX classified), safety comes first. Even flammable solvents can be dried gently.

LIT MK battery test chambers for tests on lithium-ion cells and modules.

Temperature range and extensive safety equipment for tests with expected EUCAR hazard level 6.

Table of industry products

	Size→ Type-ψ	240l	400l	720l	1'020l	Temperature	Humidity / Vacuum	Rem.
Drying and heating chambers (incubators)	BD	x	x	x	x	RT+5°C ... 100°C	---	1)
	BF	x	x	x	x	RT+5°C ... 100°C	---	2)
Drying and heating chambers	ED	x	x	x	x	RT+15°C ... 300°C	---	1)
	FD	x	x	x	x	RT+15°C ... 300°C	---	2)
	FED	x	x	x	x	RT+15°C ... 300°C	---	2), 3)
Drying and heating chambers (Material test chambers)	FP	x	x	x	x	RT+15°C ... 300°C	---	2), 4)
	M	x	x	x	x	RT+15°C ... 300°C	---	2), 5)
Dynamic climate chambers for rapid temperature changes	MK	x	x	x	x	-40°C ... 180°C	---	2), 5)
	MKT	x	x	x	x	-70°C ... 180°C	---	2), 5)
	MKF	x	x	x	x	-40°C ... 180°C	10 ... 98%	2), 5)
	MKFT	x	x	x	x	-70°C ... 180°C	10 ... 98%	2), 5)
Constant climate chambers (cooling incubators)	KMF	x	x	x	x	-10°C ... 100°C	10 ... 98%	2), 5)
	KBF	x	x	x	x	0°C ... 70°C	10 ... 80%	2), 5)
	KB	x	x	x	x	0°/-10°C ... 100°C	---	2), 5)
Vacuum drying chambers	VD	x	x	x	x	RT+15°C ... 200°C	10 ⁻² mbar	4)
	VDL	x	x	x	x	RT+15°C ... 200°C	10 ⁻² mbar	4), 6)
Safety drying chambers	FDL	x	x	x	x	RT+10°C ... 300°C	---	2), 4)

1) Natural convection, 2) Forced convection, 3) Controller with timer functions, 4) Controller with time-segment and real-time programming, 5) Controller + real-time programming, 6) For flammable solvents

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- TeMeCo is the official Swiss representation of BINDER in the domain of industrial products.
- BINDER simulation chambers are used in research and development, as well as in production and quality assurance. They are used in both routine applications and in highly specific work.
- They not only meet the highest technical, but also the highest aesthetic requirements. They impress with maximum precision both in processing and in daily use.
- **New: Solid.Line model and with Peltier technology**
- **New: MK and MKF sizes 400l and 1020l**

Material test chambers:



New generation FP material test chambers: **Forced air circulation. User-friendly controller with large display and Ethernet interface.**

The forced convection of the FP series reliably ensures short drying times and particularly fast heating - even with fully loaded cabinets.

M- Material test chambers with individual programming

With a maximum temperature of 300 °C and comprehensive programming options, the M series from BINDER is ideally suited for material and aging testing. The high-performance fan ensures fast heating.

Heating and drying ovens



BD- Incubators with natural convection

Gentle, homogenous conditioning of heat-sensitive media up to 100°C.

New: Economy Solid.Line BD-S 56l and 115l.

BF- Incubators with forced convection

Forced convection up to 100°C for gentle, homogenous heating and drying applications.

ED- Drying ovens with natural convection

Drying with naturally convection up to 300 °C.

New: Economy Solid.Line ED-S 56l and 115l.

FD- Drying- / heating ovens, forced convection

Fast drying up to 300°C. Powerful fan.

New: Solid.Line FD-S 56l and 115l.

FED- Heating chambers with forced convection

300°C, advanced time-functions, controllable fan.

Constant climate chambers:



New: Cell and module test chambers for aging and performance tests with energy storage units.

New: MK and MKF sizes 400l and 1020l

MK/MKT Environmental simulation chamber for complex temperature profiles

Well-suited for all heating and cooling testing between -40/-70°C and 180°C.

MKF/MKFT Environmental simulation chamber for complex alternating climate profiles

Ideal for temperature and humidity tests according to DIN and IEC standards.

KBF/KMF Constant climate chambers

Constant climate chambers with large temperature / humidity range

New: Cost-effective versions KBF-S 115l, 240l, 720l, 1020l, with Peltier technology