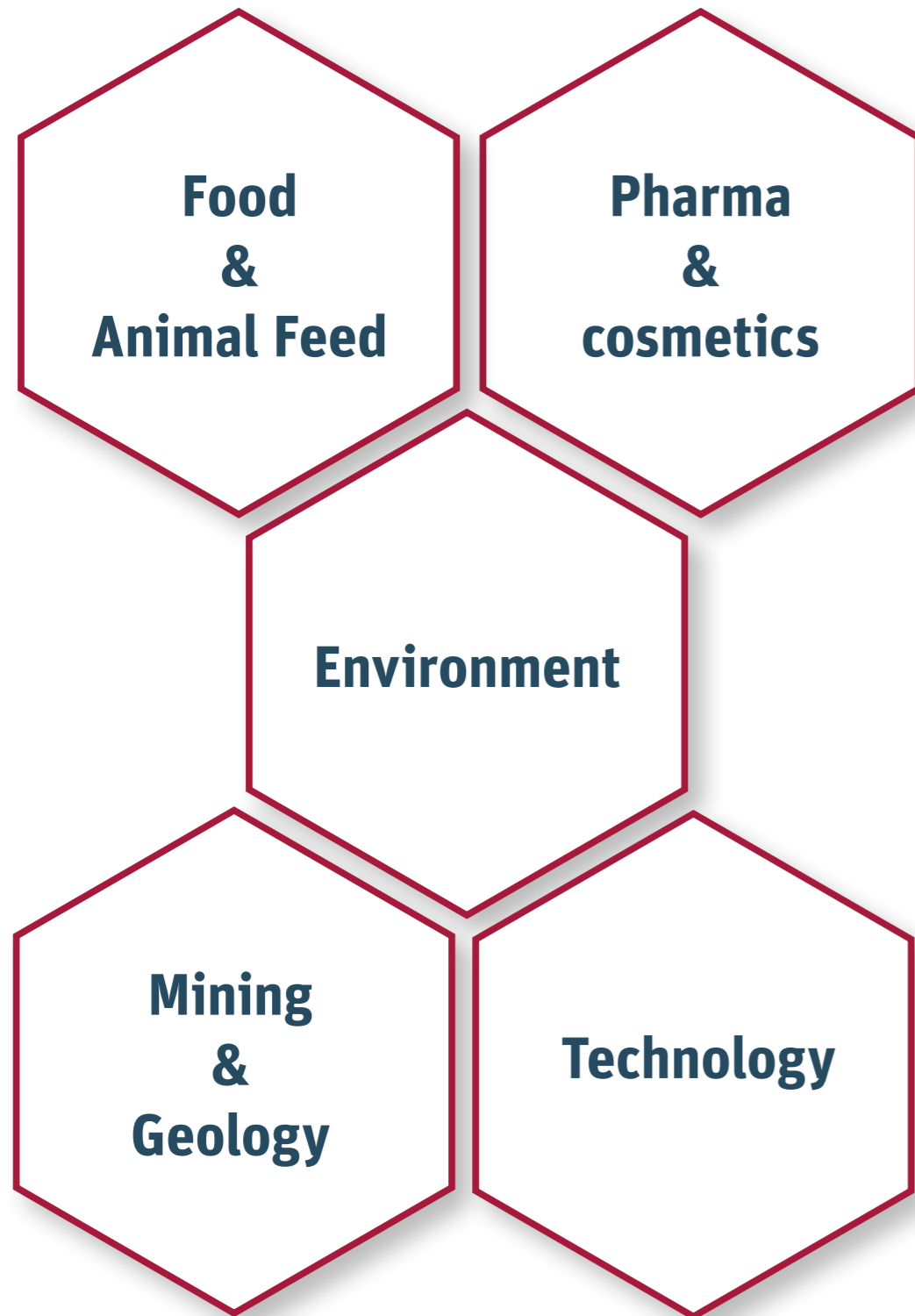


Applications



BERGHOF PRODUCTS + INSTRUMENTS LTD

digestec DAB
Pressure digestion vessels
Robust design



Robust digestion in pressure vessels up to 200bar/250°C and up to 72h.

→ The optimum solution for complex samples or quantities with a weight of up to 5g

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53-0242-85-00-02-001, Errors and omissions excepted, Printed in Germany



Technical specifications



digestec DAB-2 | DAB-3 | DAB-3 XXL

		DAB-2	DAB-3	DAB-3 XXL
General	Material	Stainless steel 316Ti (1.4571) combined with TFM™-PTFE		
	Max. temperature	250° C	250° C	250° C
	Max. pressure	200 bar	200 bar	200 bar
Reactor vessel	Inner diameter	39 mm	ca. 74 mm	ca. 74 mm
	Inner height	180 mm	183 mm	264 mm
TFM™-PTFE insert	Volume	ca. 25 ml / ca. 50 ml	ca. 150 ml / ca. 210 ml	ca. 420 ml
	Inner diameter	18 mm / 24 mm	44 mm / 53 mm	55 mm
	Inner height	108 mm / 108 mm	90 mm / 97 mm	176 mm
Instruments	Standard instruments	Rupture disk		
Heating (optional)	Heating block	✓	✓	✓

Product benefits

The Berghof Digestec pressure vessels DAB-2, DAB-3 and DAB-3 XXL impress users with their simple, user-friendly handling. Their robust design enables them to be used at pressures of up to 200 bar and maximum temperatures of up to 250 °C.



Safe

- Easy to handle and maximum user safety
- Bayonet lock for easy and fast opening and closing
- Overpressure protection by means of rupture disk
- Controlled pressure release during opening
- Designed and manufactured according to AD 2000 and Pressure Equipment Directive 2014/68/EU

Efficient

- Cost-effective use of DAB pressure vessels
- Long durability thanks to robust design
- High acid resistance by using TFM™ PTFE inserts
- Minimal risk of contamination thanks to easy cleaning of the TFM™ PTFE inserts
- Simultaneous heating of up to 12 pressure vessels

Modular structure

Vessels made of stainless steel 316 Ti (1.4571) combined with TFM™-PTFE inserts
 → Easy insertion and removal of PTFE inserts

