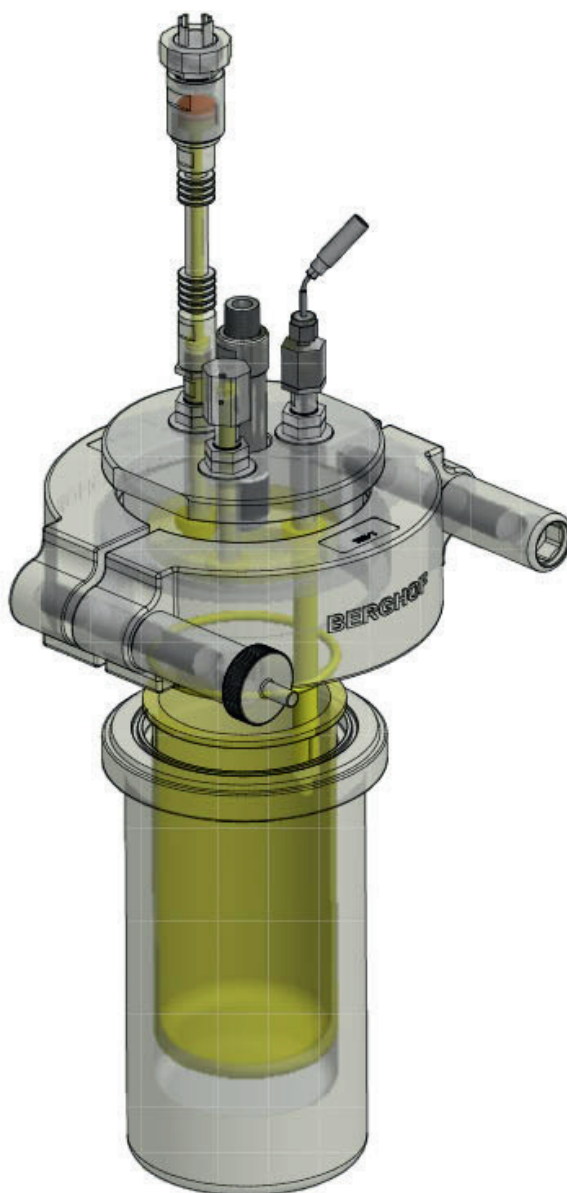


BERGHOF PRODUCTS + INSTRUMENTS GMBH

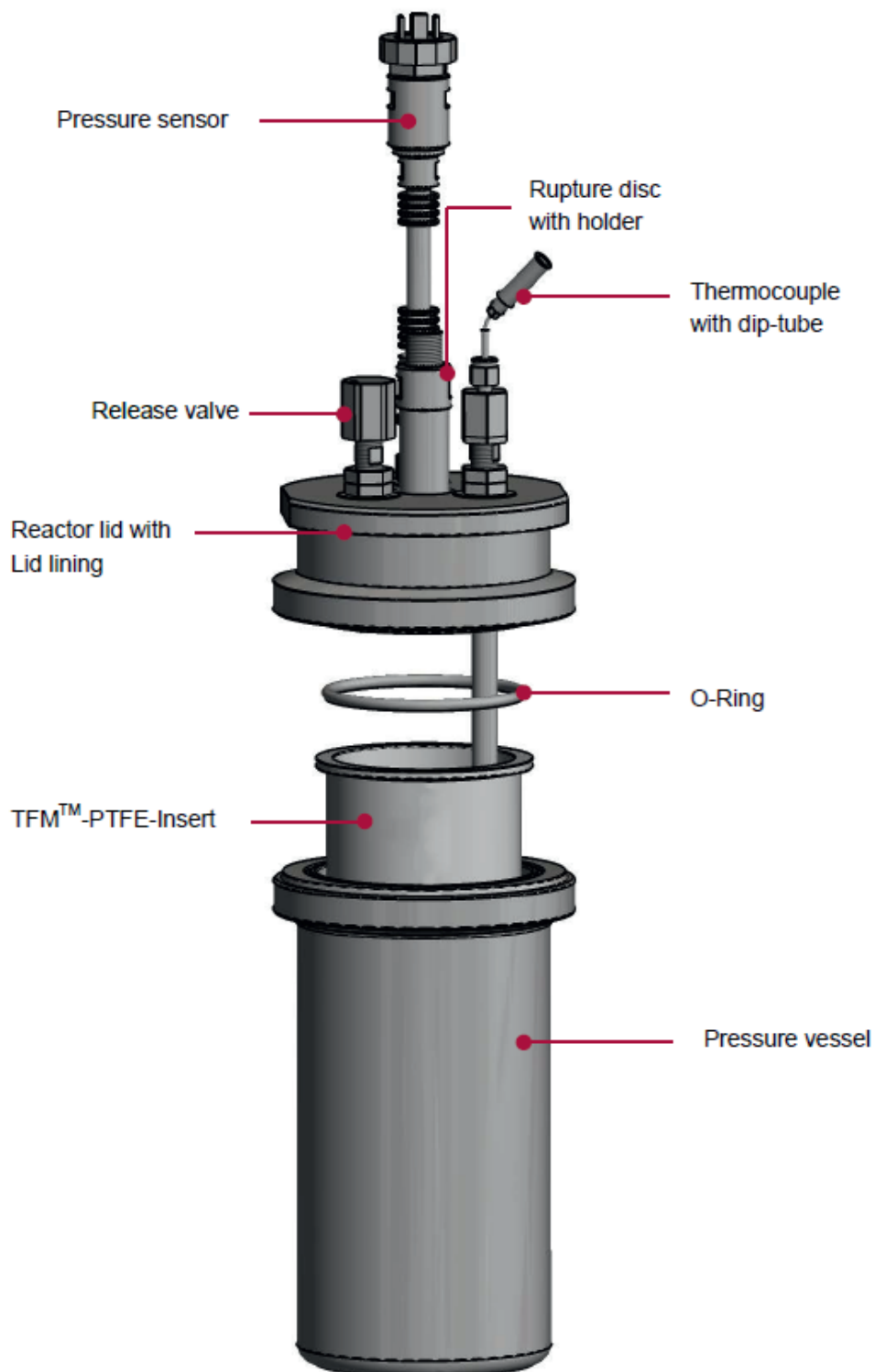
DB-Metal-free Reactors

Technical Specifications



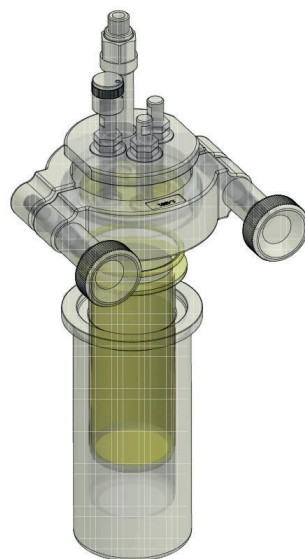
DB-Metal-free Reactors

Technical Basics



DB-300 | DB-500 | DB-700

Technical Specifications

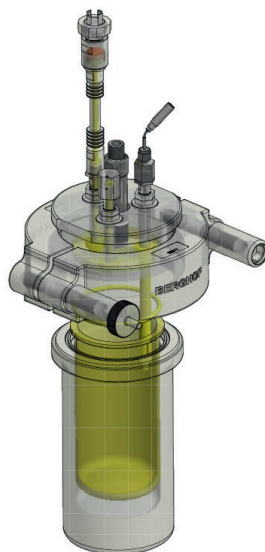


TECHNICAL SPECIFICATIONS DB-300 | DB-500 | DB-700

		DB-300	DB-500	DB-700
	Material	Stainless Steel 316Ti (1.4571)		
	Temperature max.	230° C	230° C	230° C
	Pressure max.	200 bar	200 bar	200 bar
TFM™-PTFE Insert (integrated)	Volume	approx. 310 ml	approx. 500 ml	approx. 800 ml
	Inner Diameter	62.5 mm	62.5 mm	62.5 mm
	Inner Height	98 mm	165 mm	261 mm
	Weight	approx. 4 kg	approx. 6 kg	approx. 8.5 kg
Armatures	Standard Armatures	Rupture Disc, Dip Tube, Valve/Tool, Pressure Sensor		
	Pressure Measurement	digital		
Heating Systems (optional)	Electrical (Hot Plate)	✓	-	-
	Electrical (Heating Jacket)	✓	✓	✓
	Via Fluid (Double Jacket)	✓	✓	✓
Stirring	Via Hot Plate	✓	-	-

DB-1000 | DB-1500 | DB-2000

Technical Specifications



TECHNICAL SPECIFICATIONS DB-1000 DB-1500 DB-2000				
		DB-1000	DB-1500	DB-2000
	Material	Stainless Steel 316Ti (1.4571)		
	Temperature max.	230° C	230° C	230° C
	Pressure max.	200 bar	200 bar	200 bar
TFM™-PTFE Insert (integrated)	Volume	approx. 1.000 ml	approx. 1.460 ml	approx. 1.880 ml
	Inner Diameter	84 mm	84 mm	84 mm
	Inner Height	182.5 mm	264 mm	340 mm
	Weight	approx. 10.5 kg	approx. 13 kg	approx. 16 kg
Armatures	Standard Armatures	Rupture Disc, Dip Tube, Valve/Tool, Pressure Sensor		
	Pressure Measurement	digital		
Heating Systems (optional)	Electrical (Hot Plate)	-	-	-
	Electrical (Heating Jacket)	✓	✓	✓
	Via Fluid (Double Jacket)	✓	✓	✓
Stirring	Via Hot Plate	-	-	-